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September 1992

Electronic Market

TRENDS

The Authoritative Source for
Economic Information and Analysis
on the U.S. Electronics Industry

Contains:
July 1992 Factory Shipment Data
June 1992 Electronics Trade Data

TRENDS

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The Electronic Industries Association (EIA) has been the national trade organization representing U.S. electronics manufacturers since 1924. Committed to the competitiveness of the American producer, EIA represents the entire spectrum of companies involved in the manufacture of electronic components, parts, systems, and equipment for communications, industrial, government, and consumer-end uses.

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Table of Contents

U.S. Electronics Industry Summary 1
- U.S. Factory Data
- Electronics Foreign Trade
- U.S. Electronics Employment
- Electronics Producer Price Index

Electronic Components Summary 3
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Consumer Electronics Summary 10
- Domestically-Produced Consumer Electronics
- Total Consumer Electronics Sales
- Foreign Trade Summary
- Employment
- Producer Price Indices

Telecommunications Equipment Summary 17
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Other Specialized Communications Summary 24
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Computers & Peripheral Equipment Summary 30
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Industrial Electronics Summary 36
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Electromedical Equipment Summary 42
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Key Economic Indicators 48

Footnotes and Sources 50

U.S. Electronics Industry Summary

U.S. Factory Sales July 1992

(millions of dollars)

	Seasonally Adj			Not Seasonally Adj			Year-to-Date		
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales[1]	24,690	24,063	2.6%	20,633	19,049	8.3%	159,408	150,614	5.8%

Electronics Foreign Trade Summary June 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jun 92	May 92	% ch.	Jun 92	Jun 91	% ch.	YTD 92	YTD 91	% ch.
Imports[2]	7,705	7,031	9.6%	7,571	6,293	20.3%	40,484	35,757	13.2%
Exports[3]	6,554	6,336	3.4%	6,707	6,255	7.2%	37,888	36,595	3.5%
Balance	(1,151)	(695)	65.6%	(864)	(38)	NA	(2,597)	838	NA

Bilateral Trade Summary June 1992

(not seasonally adjusted millions of dollars)

	IMPORTS	% of Tot	EXPORTS	% of Tot	BALANCE
Japan	13,922	71.1%	4,031	21.4%	(9,891)
Canada	3,270	16.7%	6,364	33.8%	3,094
Singapore	3,707	18.9%	1,838	9.8%	(1,869)
Mexico	2,698	13.8%	2,743	14.6%	45
Taiwan	3,644	18.6%	1,546	8.2%	(2,098)
U.K.	1,091	5.6%	2,927	15.5%	1,836
S. Korea	2,584	13.2%	1,337	7.1%	(1,247)
Germany	1,219	6.2%	2,633	14.0%	1,414
Malaysia	2,359	12.0%	1,019	5.4%	(1,340)
France	503	2.6%	1,484	7.9%	981
Other	5,487	28.0%	11,966	63.6%	6,479

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Electronics Employment Summary June 1992

(thousands of workers)
Hourly Wage Index 1/88=100

	Seasonally Adj			Not Seasonally Adj		
	Jun 92	May 92	% ch.	Jun 92	Jun 91	% ch.
PRODUCTION WORKERS	849.2	853.0	-0.4%	847.9	894.4	-5.2%
ALL EMPLOYEES	1,811.8	1,821.0	-0.5%	1,809.8	1,917.4	-5.6%
HOURLY WAGE INDEX	NA	NA		114.7	111.1	3.2%

Electronics Producer Price Index July 1992

(12/90=100)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
COMPOSITE INDEX	94.1	97.0	-3.0%	94.3	-0.2%

U.S. Electronics Economic Summary

Seasonally adjusted factory sales of electronics rose 2.6% from June and 8.3% from July 1991. Sales totaled $20.6 billion in the month, reaching $159.4 billion through the first seven months of 1992, a gain of 5.8%

Imports of electronics rose sharply in July gaining 9.6% from the prior month, while exports also rose, increasing 3.4%. During the first half of 1992, imports rose 13.2% to $40.5 billion, and exports grew 3.5% on sales of $37.9 billion.

Total employment in the electronics industry in June declined 0.5% from May, while the number of production workers fell 0.4%.

During the 12-month period ending July 1992, the factory price index for electronics declined 3.0%.

 © Electronic Industries Association

Electronic Components
U.S. Factory Data July 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	4,901	4,792	2.3%	4,578	4,397	4.1%	33,274	32,207	3.3%
New Orders	5,056	5,037	0.4%	4,634	4,301	7.7%	33,900	32,737	3.6%
Production	4,890	4,855	0.7%	4,645	4,506	3.1%	33,372	32,277	3.4%
Inventory	7,962	7,974	-0.1%	8,074	8,687	-7.1%	NA	NA	
Unfilled Orders	12,894	12,739	1.2%	13,049	12,680	2.9%	NA	NA	
Book/Bill Ratio	1.03	1.05	-1.9%	1.01	0.98	3.5%	NA	NA	
Inv/Sales Ratio	1.62	1.66	-2.4%	1.76	1.98	-10.7%	NA	NA	
Unf/Sales Ratio	2.63	2.66	-1.0%	2.85	2.88	-1.1%	NA	NA	
Prod/Sales Ratio	1.00	1.01	-1.5%	1.01	1.02	-1.0%	NA	NA	

Electronic Components Economic Summary

Seasonally adjusted factory sales of electronic components in July rose 2.3% from June. Total sales through July rose 3.3% over the same period in 1991, reaching $33.3 billion. New orders rebounded in July gaining 7.7% over 1991. New orders totaled $33.9 billion in the first seven months of 1992, up 3.6%. Inventories in July were 7.1% below their level in July of 1991.

Imports of electronic components rose 10.2% in the first half of 1992, totaling over $12 billion. Meanwhile, exports of components recorded a gain of just 3.5% through June, with passive exports up just 0.3%.

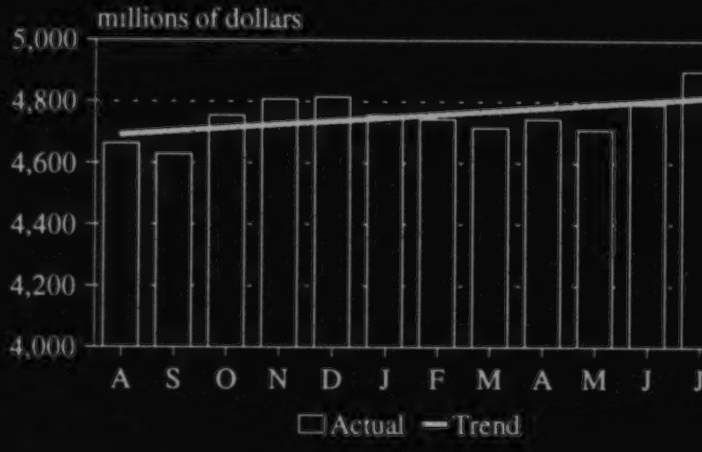
Total employment in the components industry fell 3.8% from June 1991 to 595,300, while the number of production workers declined 2.8%.

 © Electronic Industries Association

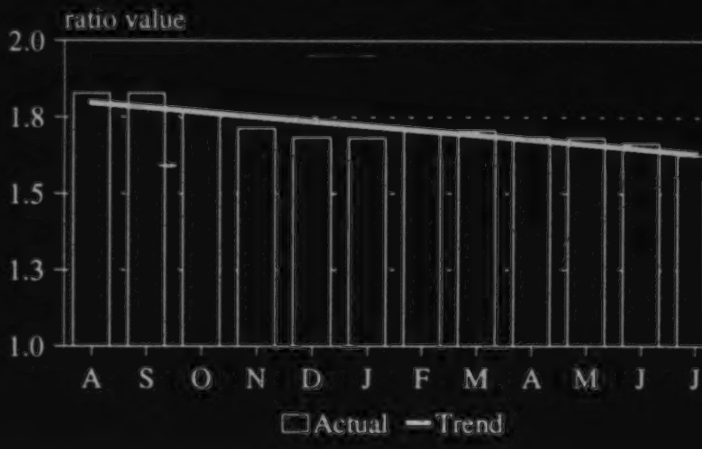
Electronics Compone

(all data

Factory Sales



Inventory/Sales Ratio

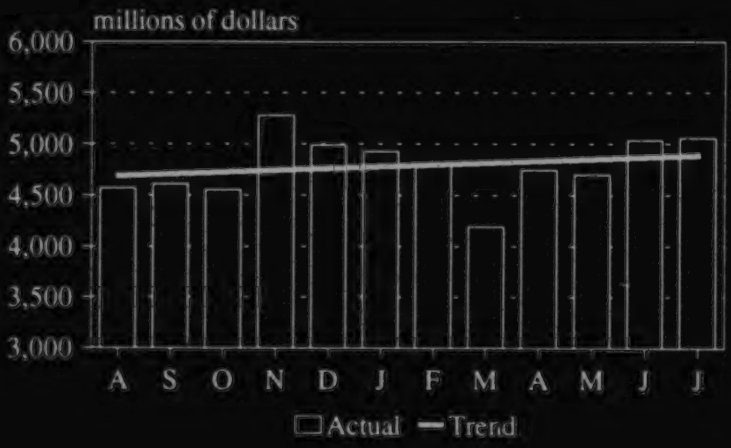


Electronic Market Trends

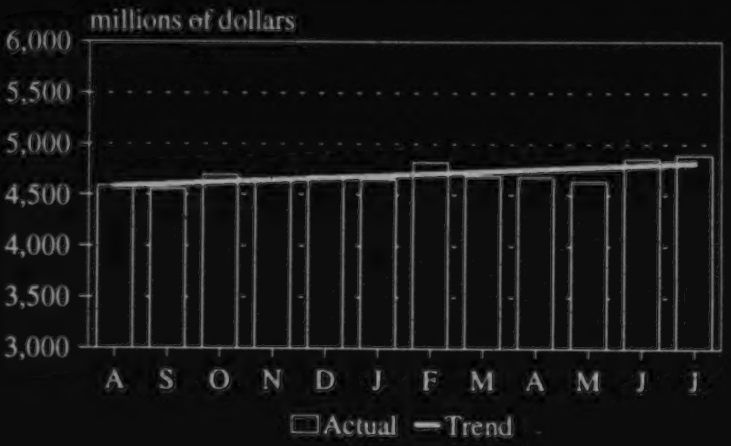
ents U.S Factory Trends July 1992

seasonally adjusted)

New Orders



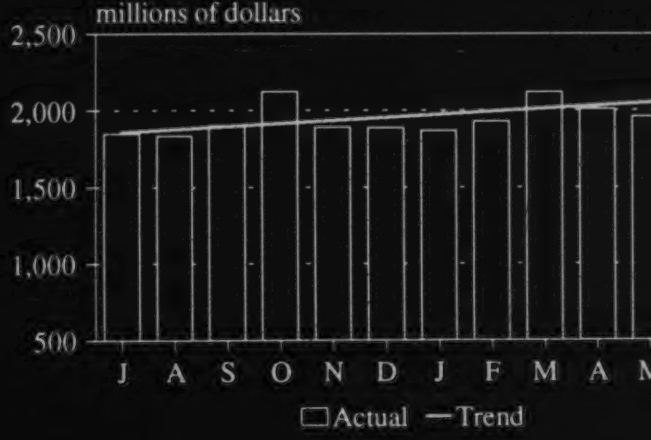
Production



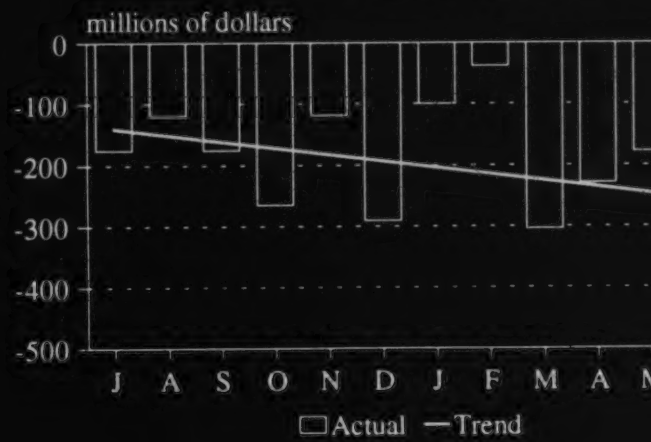
Electronic Comp

(all d

Imports



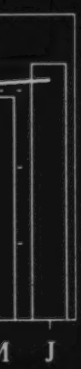
Balance of Trade

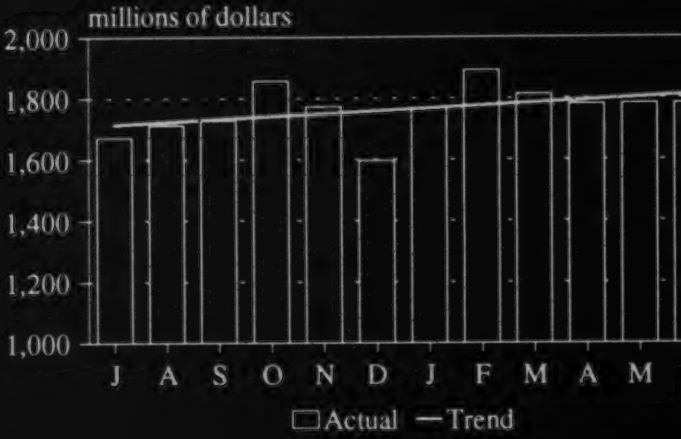


onents Trade Trends June 1992

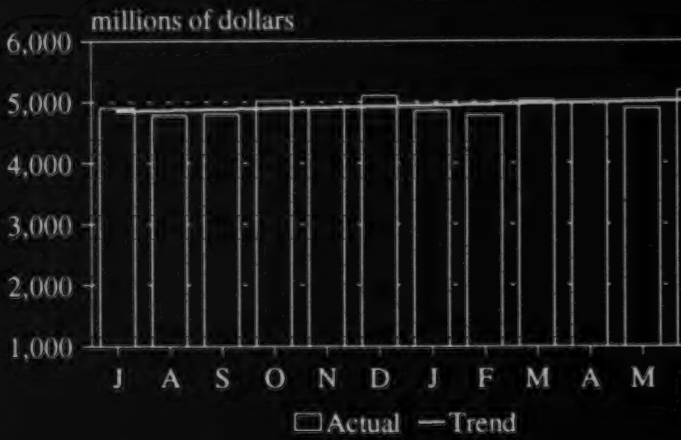
ata seasonally adjusted)

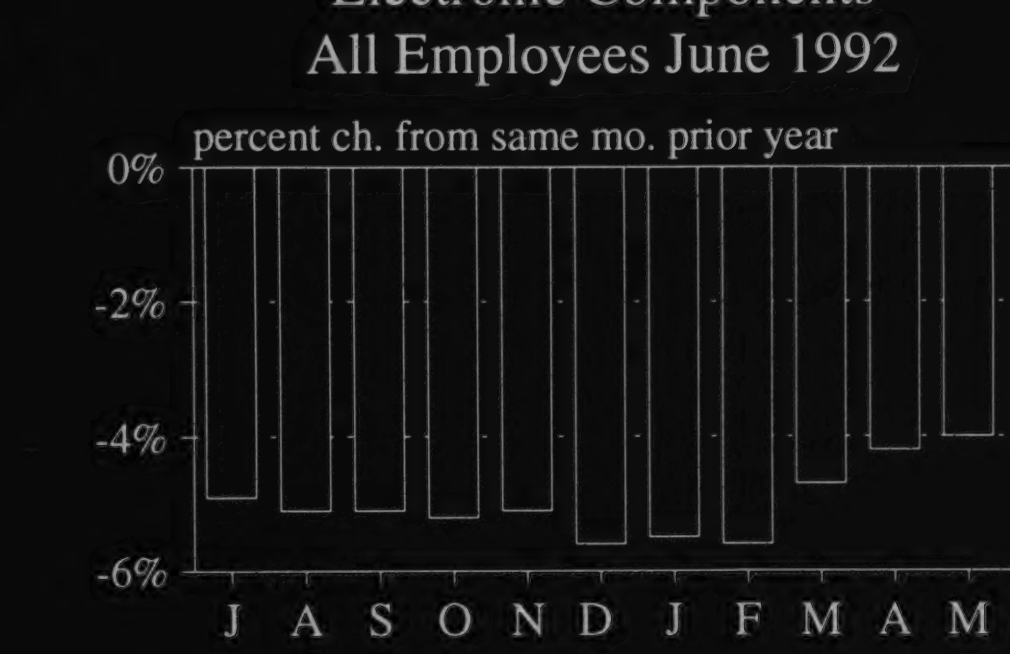
Exports

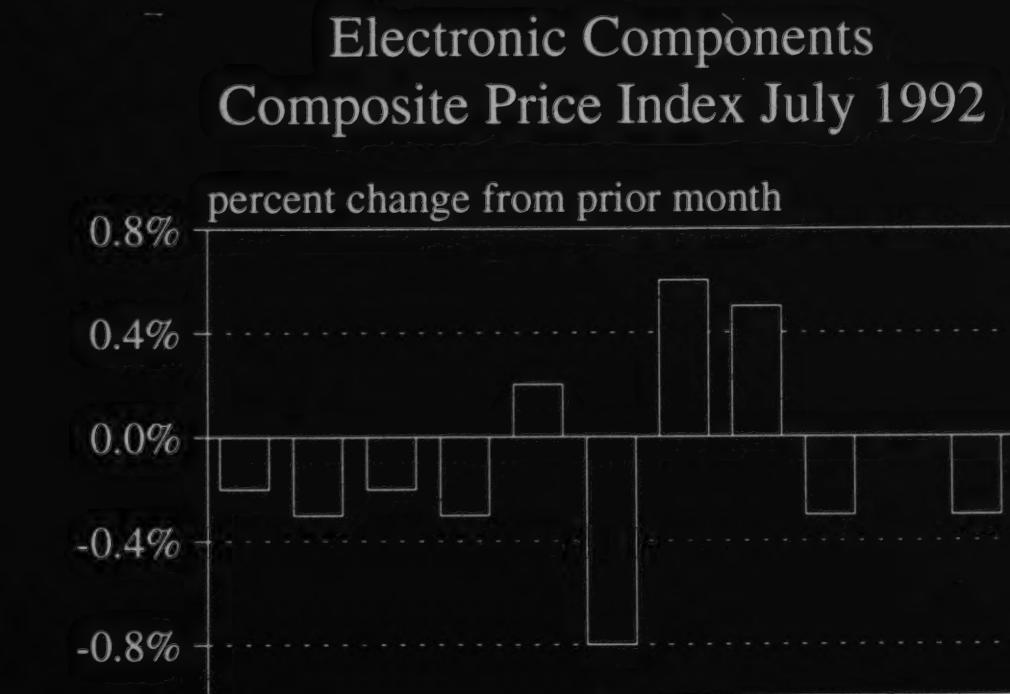




Consumption

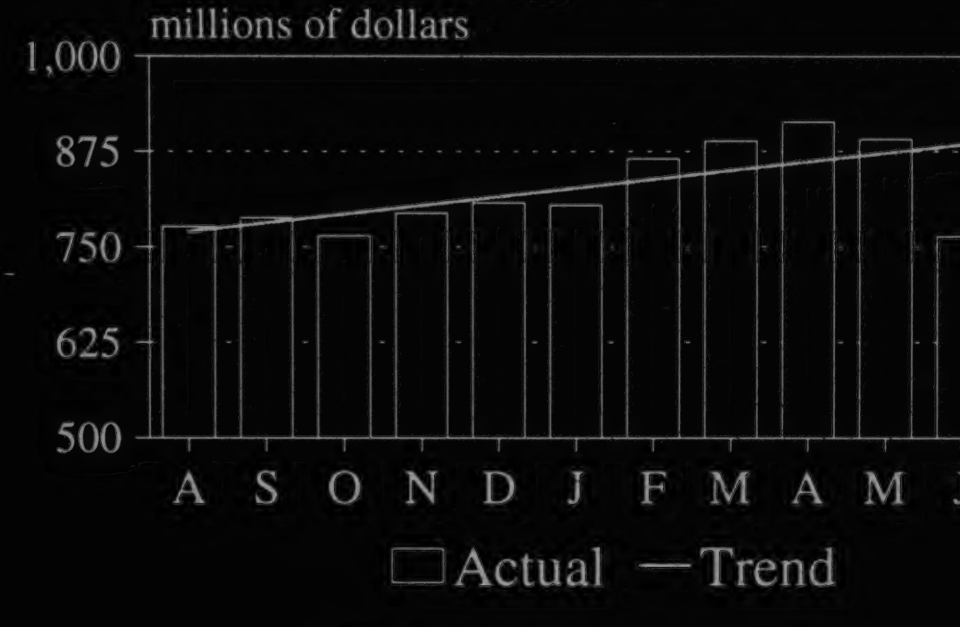



Electronic Components
All Employees June 1992
percent ch. from same mo. prior year
0%
-2%
-4%
-6%
J A S O N D J F M A M

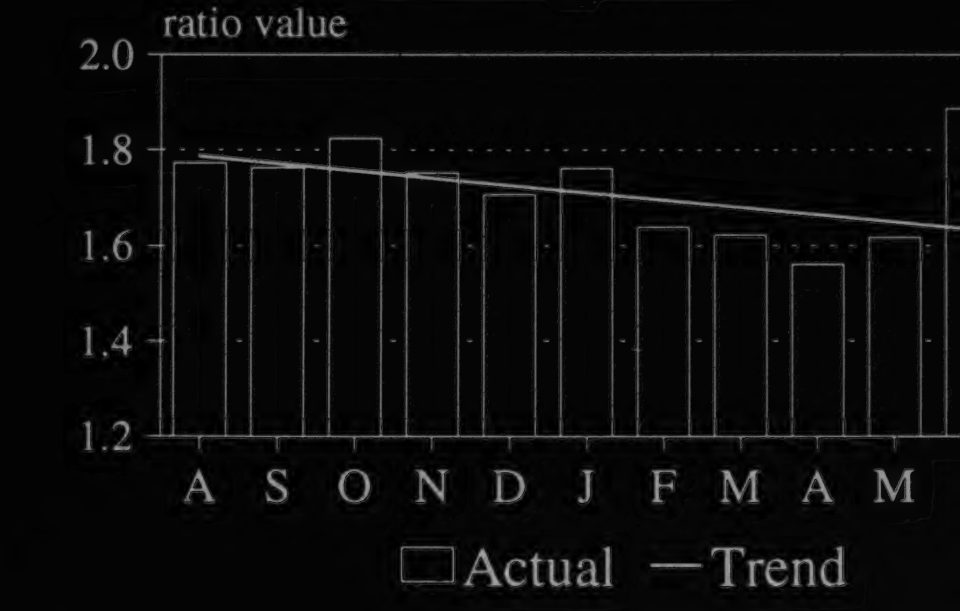

Electronic Components
Composite Price Index July 1992
percent change from prior month
0.8%
0.4%
0.0%
-0.4%
-0.8%

U.S. Factory Trends July 1992

Factory Sales



Inventory/Sales



	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92
tory Sales[5]	931	764	21.9%	734	632	16.2%	5,503
Inventory	1,423	1,441	-1.3%	1,578	1,376	14.7%	NA
Sales Ratio	1.53	1.89	-19.0%	2.15	2.18	-1.3%	NA

Total Consumer Electronics Sales Including Imports
July 1992
(not seasonally adjusted millions of dollars)

	Jul 92	Jul 91	% ch.	YTD 92	YTD 91
VIDEO PRODUCTS	911	703	29.5%	6,179	5,635
Color TVs	455	380	19.9%	3,343	3,038
VCR Decks	226	140	61.4%	1,431	1,124
Camcorders	170	126	34.8%	893	980
Other	59	57	3.7%	513	493
AUDIO PRODUCTS	852	815	4.5%	5,280	5,042
Portable	201	174	15.7%	1,178	1,000
Home Components	130	149	-12.8%	811	983
Autosound	410	383	6.9%	2,652	2,444
Audio Systems	110	108	2.0%	639	615
HOME INFORMATION EQUIPMENT	869	804	8.1%	6,052	5,669
BLANK MEDIA AND ACCESSORIES	334	315	6.0%	2,282	2,208
TOTAL[7]	2,966	2,637	12.5%	19,793	18,554

onents	1,782	1,783	-0.1%
	(14)	5	NA
ents	(269)	(253)	6.3%
ucts	(109)	70	NA
onents	(392)	(178)	120.2%

Import/Export Cou
(not seasonally

MPORTS	YTD	% of T
Japan	3,366,700	28.0%
Canada	1,385,488	11.5%
Mexico	1,173,260	9.8%
S. Korea	1,067,490	8.9%
Malaysia	1,004,344	8.4%
Taiwan	957,569	8.0%
Singapore	831,361	6.9%
Philipines	380,779	3.2%
ong Kong	321,868	2.7%

1,846	1,813	1.8%	10,866	10,4
9	19	-55.0%	16	85
(280)	(200)	39.9%	(1,419)	(1,52
(24)	238	NA	260	1,03
(295)	57	NA	(1,143)	(40

untry Summary June 1992

adj thousands of dollars)

ot	EXPORTS	YTD	% of Tot
	Canada	2,319,516	21.3%
	Mexico	1,098,675	10.1%
	Singapore	892,594	8.2%
	Japan	853,397	7.9%
	Malaysia	795,879	7.3%
	Taiwan	701,221	6.5%
	U.K.	665,052	6.1%
	S. Korea	507,218	4.7%
	Hong Kong	502,896	4.6%

Import/Expo
(not se

IMPORTS	YTD
Japan	3,258,412
Mexico	724,018
S. Korea	706,471
Malaysia	660,359
China	457,572
Taiwan	317,050
Singapore	303,283
Thailand	225,435
Indonesia	59,167
Hong Kong	56,122
Other	195,932

ort Country Summary June 1992

asonally adj thousands of dollars)

% of Tot	EXPORTS	YTD
46.8%	Canada	369,299
10.4%	Mexico	230,457
10.1%	Japan	142,535
9.5%	Taiwan	68,222
6.6%	Germany	56,127
4.6%	Netherlands	55,268
4.4%	U.K.	53,883
3.2%	Argentina	49,784
0.8%	Hong Kong	39,624
0.8%	Venezuela	37,024
2.8%	Other	373,647

U.S. Factory Data July 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-	
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91
Factory Sales	3,611	3,215	12.3%	3,108	2,492	24.7%	21,560	19,440
New Orders	3,650	3,265	11.8%	3,206	2,366	35.5%	21,620	18,326
Production	3,533	3,286	7.5%	3,106	2,629	18.1%	21,736	20,230
Inventory	7,331	7,409	-1.1%	7,376	7,440	-0.9%	NA	NA
Unfilled Orders	12,306	12,267	0.3%	12,334	12,845	-4.0%	NA	NA
Book/Bill Ratio	1.01	1.02	-0.4%	1.03	0.95	8.6%	NA	NA
Inv/Sales Ratio	2.03	2.30	-11.9%	2.37	2.99	-20.5%	NA	NA
Unf/Sales Ratio	3.41	3.82	-10.7%	3.97	5.16	-23.0%	NA	NA
Prod/Sales Ratio	0.98	1.02	-4.3%	1.00	1.06	-5.3%	NA	NA

Telecommunications Equipment Economic Summary

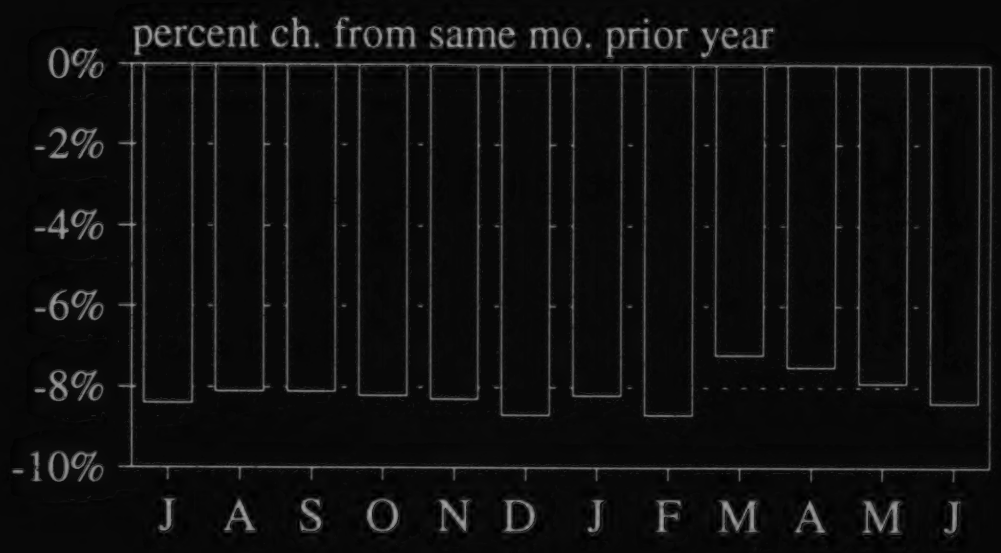
Sales of telecommunications equipment in July rose 12.3% from the prior month, while 10.9% during the first seven months of 1992.

Imports rose 11.9% from the prior month in June, while exports rose half as fast, gaining the first half of the year, imports increased 12.5%, and exports rose 8.1%.

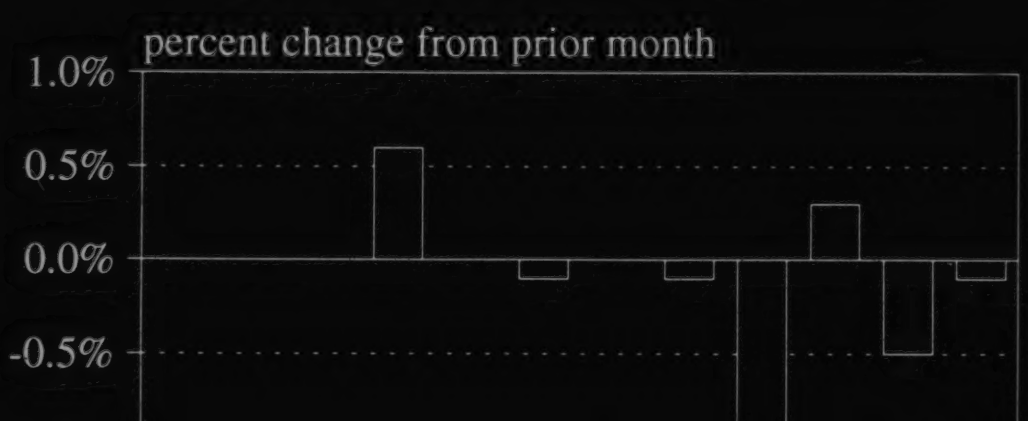
The composite price index for telecommunications equipment rose 1% in July over 1991, b from June 1992.

Total employment in the telecommunications industry declined 8.1% in June from the prior the number of production workers declined 8%.

Other Communications
All Employees June 1992



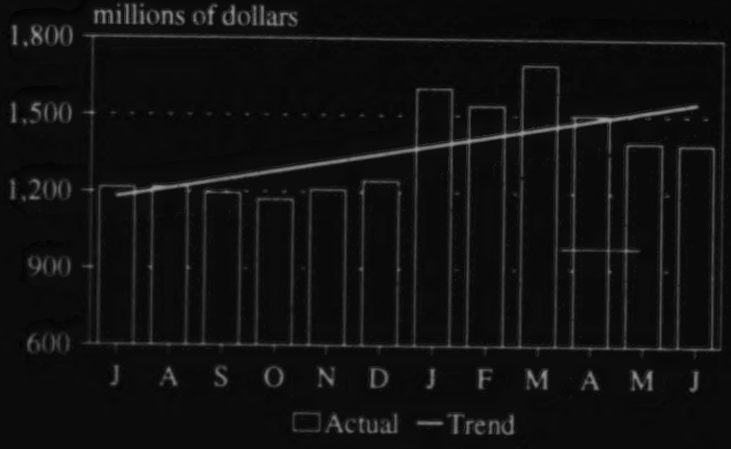
Other Communications
Composite Price Index July 1992



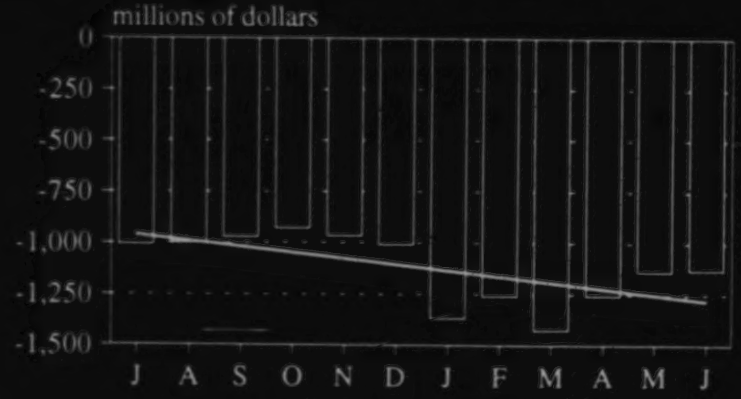
Consumer Electronics

(all data seas

Imports



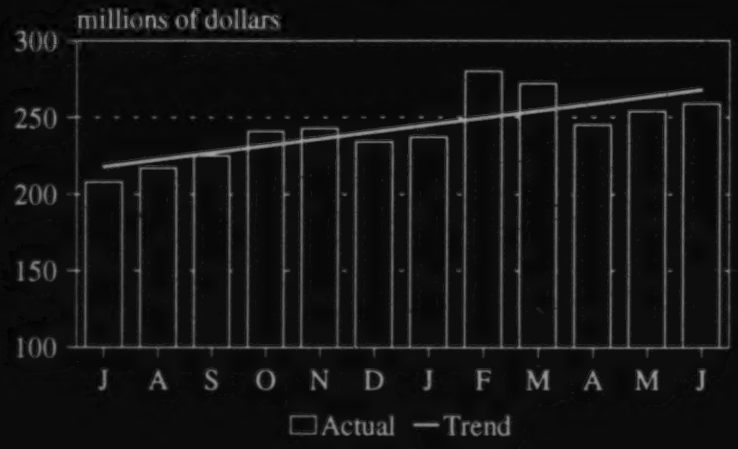
Balance of Trade



Trade Trends June 1992

onally adjusted)

Exports



Consumption

	Jun 92
PRODUCTION WORKERS	39.3
ALL EMPLOYEES	60.5
HOURLY WAGE INDEX	118.1
ANNUAL SALES/EMP	$163,859

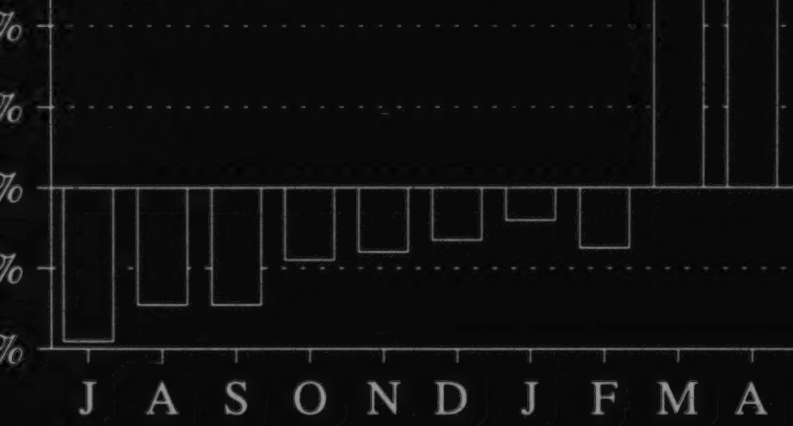
Consumer Electronics Produ
(12/90=

	Jul 92	Jul
COMPOSITE INDEX[8]	95.1	99.
Home Audio	86.1	96.
Portable Audio	94.2	102
Autosound	95.2	99.
Audio Systems	95.7	102
Color TV	96.4	97.
Projection TV	94.2	99.
VCR Decks	99.6	101
Camcorders	88.6	95.

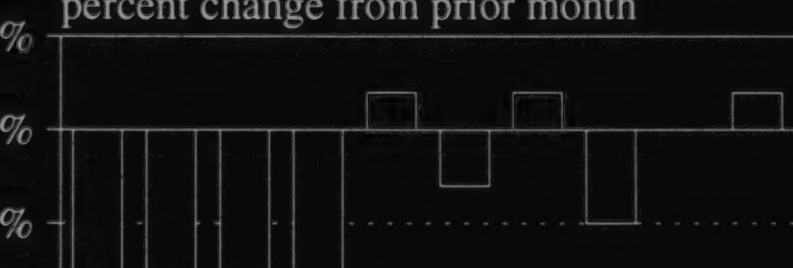
Not Seasonally Adj			
Jun 91	% ch.	May 92	% ch.
36.9	6.5%	38.6	1.8%
58.0	4.3%	59.8	1.2%
117.7	0.4%	120.6	-2.1%
$140,779	16.4%	$164,320	-0.3%

cer Price Indices July 1992
=100)

Not Seasonally Adj			
91	% ch.	Jun 92	% ch.
4	-4.3%	94.3	0.8%
5	-10.8%	85.3	0.9%
.0	-7.7%	94.5	-0.3%
9	-4.7%	93.4	1.9%
.9	-7.0%	92.4	3.6%
7	-1.3%	96.4	NA
3	-5.2%	94.5	-0.3%
.7	-2.1%	99.7	-0.1%
4	-7.1%	88.3	0.3%



Consumer Electronics Composite Price Index July 19



Telecommunications Eq

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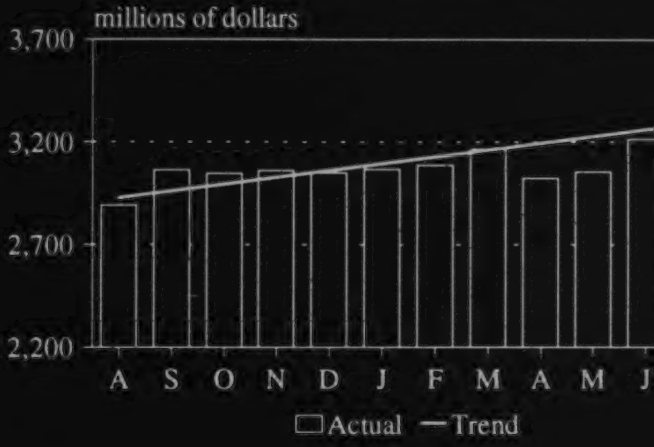
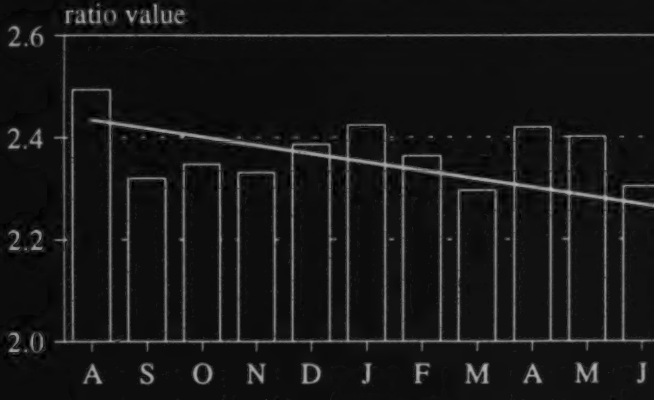
Factory Sales



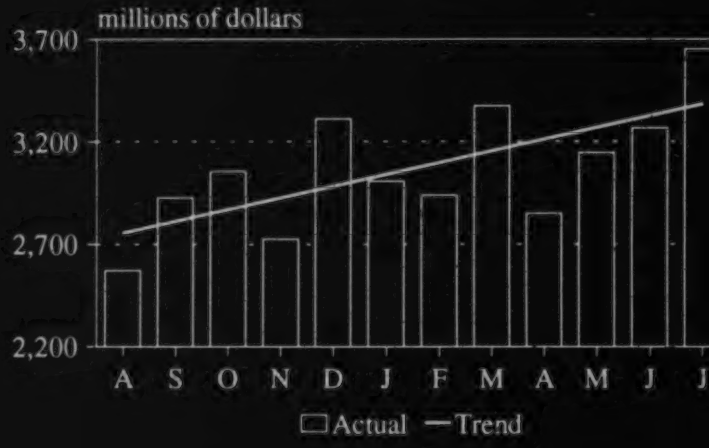
Inventory/Sales Ratio



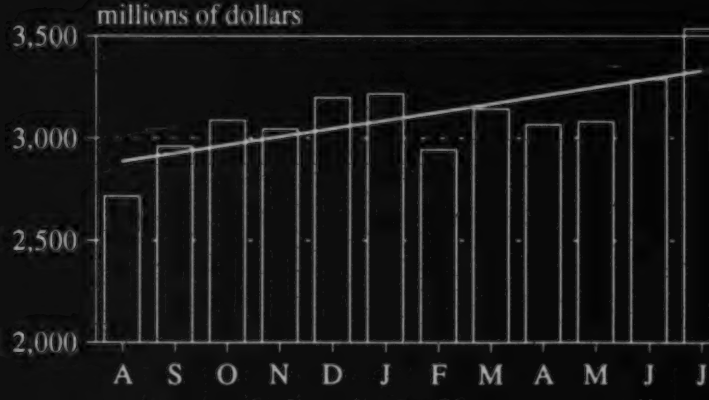
uipment U.S Factory Trends July 1992

ata seasonally adjusted)

New Orders



Production



Import/Expo
(m

	Seasonally Adjusted			J
	Jun 92	May 92	% ch.	
Imports	736	658	11.9%	
Exports	704	662	6.3%	
Balance	(32)	4	NA	

Import/Export C
(not seasonal

IMPORTS	YTD	% of
Japan	1,404,493	36.3
Canada	475,223	12.3
Malaysia	308,171	8.0
Taiwan	291,817	7.5
China	243,878	6.3
Mexico	192,267	5.0
Korea	165,264	4.3
Thailand	143,908	3.7
Singapore	138,984	3.6
Philippines	100,166	2.6
Other	404,347	10.5

rt Summary June 1992

llions of dollars)

	Not Seasonally Adjusted				
un 92	Jun 91	% ch.	YTD 92	YTD 91	% ch.
723	613	17.9%	3,869	3,438	12.5%
726	618	17.5%	3,938	3,643	8.1%
3	5	-40.3%	69	205	NA

ountry Summary June 1992

y adj thousands of dollars)

Tot	EXPORTS	YTD	% of Tot
%	Canada	617,674	15.7%
%	Mexico	528,433	13.4%
%	Japan	271,827	6.9%
%	U.K.	248,092	6.3%
%	Australia	155,993	4.0%
%	Taiwan	152,940	3.9%
%	Germany	150,387	3.8%
%	S. Korea	147,927	3.8%
%	Italy	111,387	2.8%
%	Hong Kong	102,777	2.6%
%	Other	1,450,509	36.8%

Telephone Sets and Parts
Telephonic Apparatus and Parts
Telegraphic Apparatus and Parts
Radio Transmitters
Radio Receivers
Radio Transceivers
Telephone Answering Devices
TV Transmission/Reception App
Cellular Telephones
Facsimile Machines
Cordless Telephones
Modems
Paging Alert Devices
Fiber Optic Cable
Other Cable and Parts
Total

92,111	15,715	(76,396)	505,65
98,813	174,008	75,195	551,86
55,266	64,397	9,131	261,17
4,558	28,674	24,116	26,132
17,566	21,427	3,861	97,988
57,605	99,178	41,573	291,07
25,337	13,304	(12,033)	139,46
142,972	151,748	8,776	740,79
35,981	70,973	34,991	182,49
76,993	0	(76,993)	443,99
79,675	10,053	(69,622)	440,36
14,951	31,859	16,907	77,698
127	156	30	2,091
6,001	15,247	9,246	24,910
14,896	29,102	14,206	82,808
722,854	725,841	2,987	3,868,51

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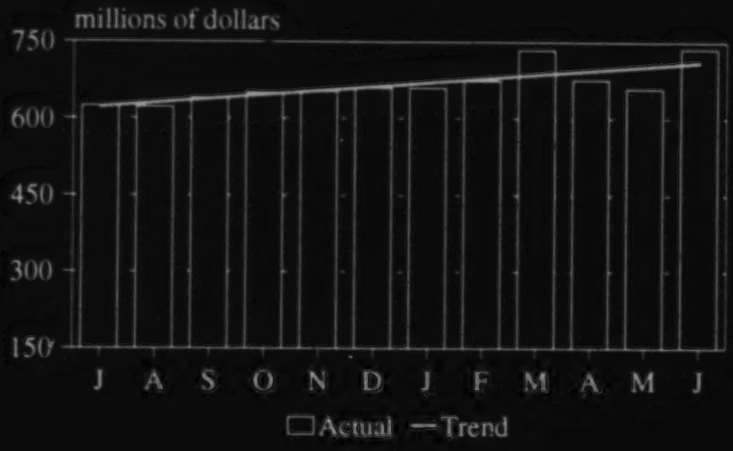
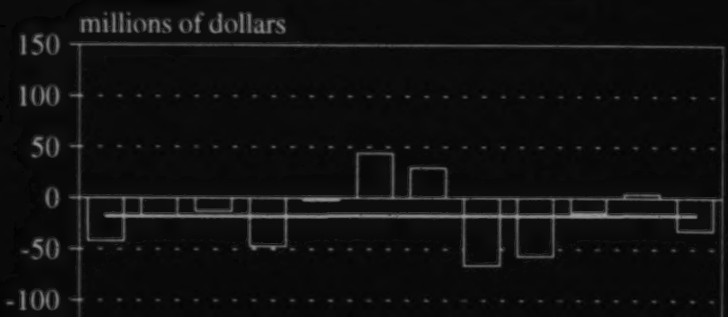
Telecommunications

(all data seaso

Imports



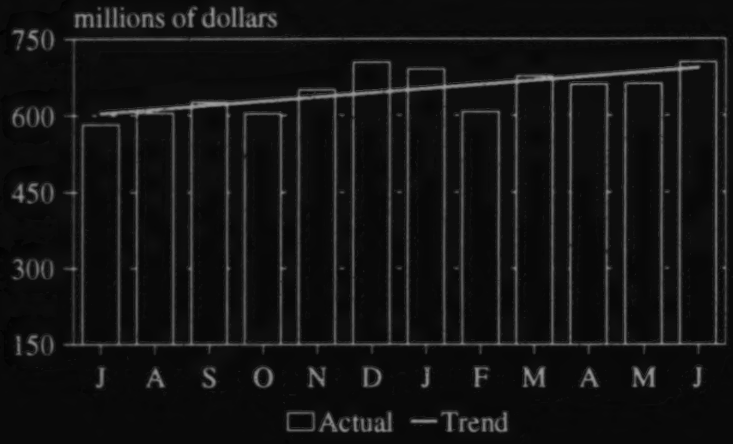
Balance of Trade



Trade Trends June 1992

onally adjusted)

Exports



Consumption

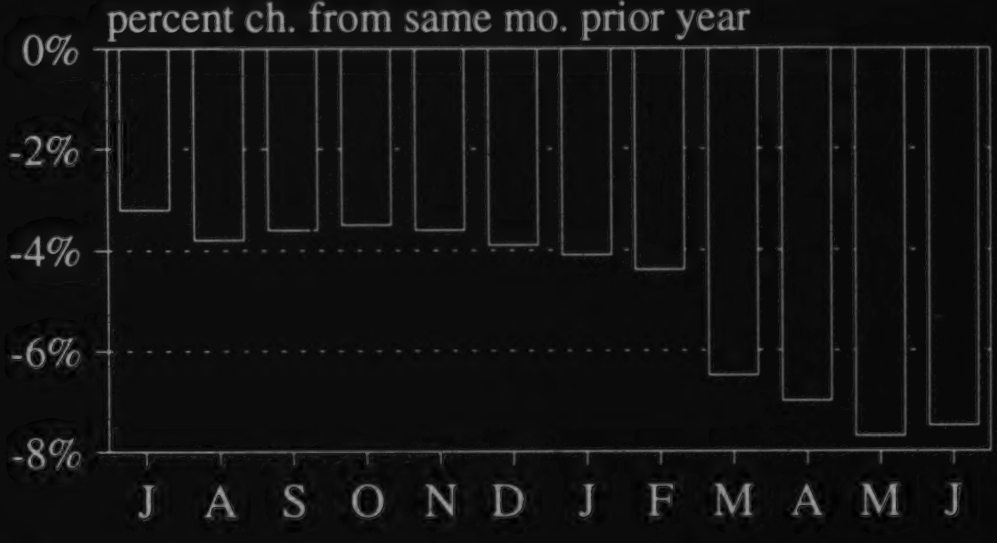
	Not Seasonally Adj				
	Jun 92	Jun 91	% ch.	May 92	%
DUCTION WORKERS	120.4	130.8	-8.0%	120.5	-0.
Telephone Equip.	61.0	66.6	-8.4%	60.8	0.
Other	59.4	64.2	-7.5%	59.7	-0.
ALL EMPLOYEES	237.4	258.3	-8.1%	237.8	-0.
Telephone Equip.	111.8	123.1	-9.2%	111.8	N
Other	125.6	135.2	-7.1%	126.0	-0.
OURLY WAGE INDEX	109.6	106.4	3.0%	109.0	0.
ANNUAL SALES/EMP	$113,059	$99,993	13.1%	$111,253	1.

Telecommunications Equipment Producer Price Indices July 1992

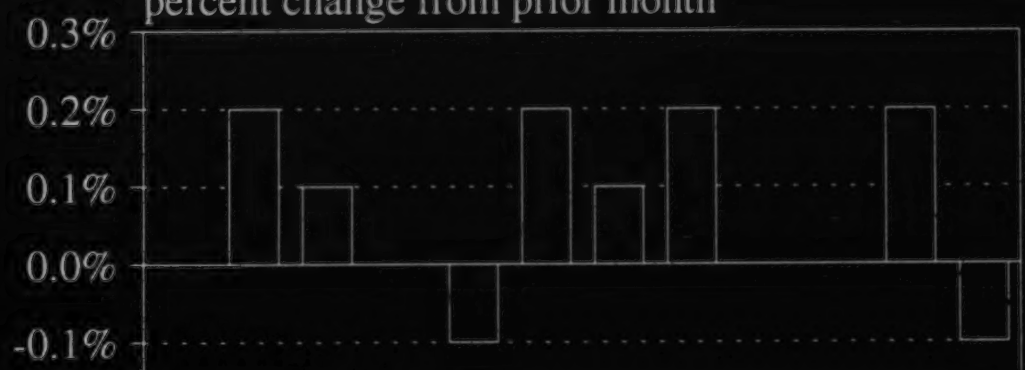
(12/90=100)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% c
COMPOSITE INDEX	103.3	102.2	1.0%	103.3	-0.1
Line Transmission	98.6	98.6	NA	98.6	NA
Switching Equipment	104.6	103.5	1.1%	104.6	NA
Telephone Sets	93.5	95.1	-1.6%	93.4	0.1
Other Telephone	101.5	103.6	-1.9%	101.8	-0.3
Broadcast Equipment	102.9	101.3	1.6%	102.9	NA
obile Communications	104.9	102.6	2.3%	105.0	-0.1
Intercom Systems	101.5	101.3	0.2%	101.6	-0.1
Fiber Optic Cable	103.9	103.8	0.1%	103.9	NA

Telecommunications
All Employees June 1992



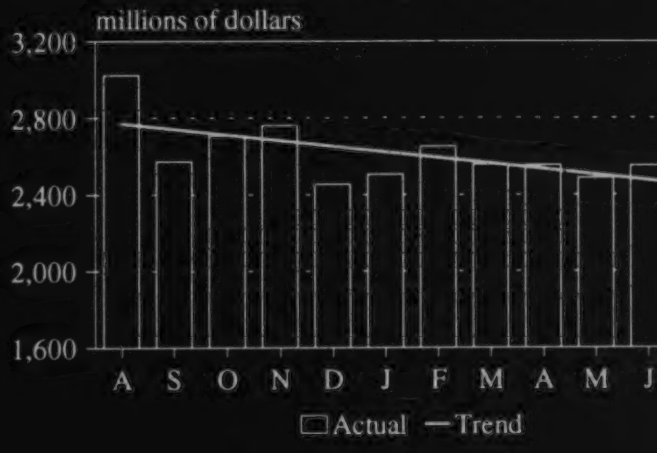
Telecommunications
Composite Price Index July 1992



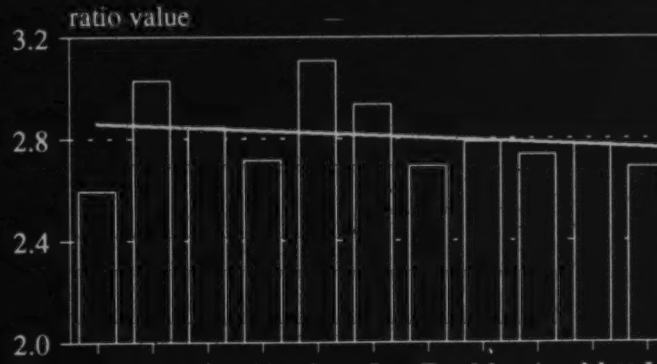
Other Communicati

(all da

Factory Sales



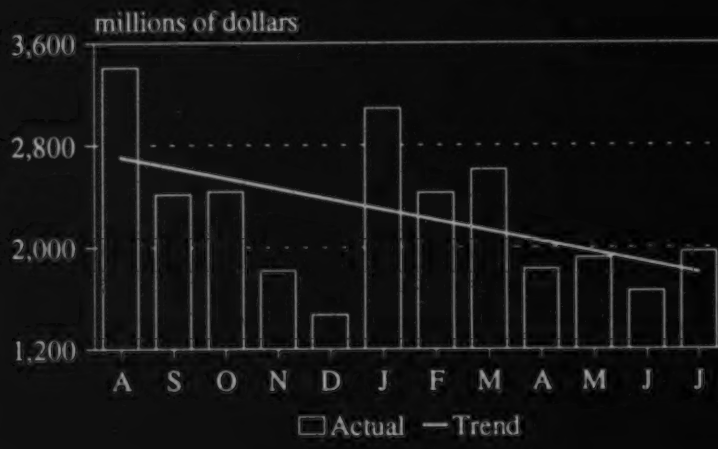
Inventory/Sales Ratio



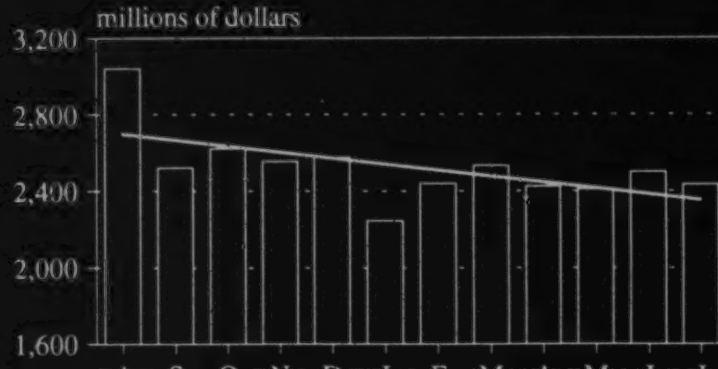
ons U.S Factory Trends July 1992

ata seasonally adjusted)

New Orders



Production



	Seasonally Adjusted		
	Jun 92	May 92	% ch.
Imports	129	76	69.7%
Exports	198	214	-7.5%
Balance	69	138	-50.0%

Import/Export
(not seaso

IMPORTS	YTD	%
Canada	98,558	
Japan	74,474	
U.K.	71,758	
France	55,210	
Taiwan	47,559	
Mexico	44,330	
Germany	32,278	
S. Korea	22,603	
Israel	18,584	
China	18,248	
Other	54,461	

Import/Export
(not seaso

Imports

Not Seasonally Adjusted					
Jun 92	Jun 91	% ch.	YTD 92	YTD 91	
103	76	35.1%	546	502	
192	207	-7.4%	1,221	1,275	
89	131	-32.0%	676	774	

Country Summary June 1992

nally adj thousands of dollars)

of Tot	EXPORTS	YTD	% of Tot
8.3%	Japan	157,476	12.9%
3.8%	Canada	133,445	10.9%
3.3%	France	97,756	8.0%
0.3%	U.K.	97,355	8.0%
8.8%	Netherlands	69,237	5.7%
8.2%	Egypt	53,444	4.4%
6.0%	Taiwan	53,191	4.4%
4.2%	Switzerland	47,819	3.9%
3.5%	Korea	42,986	3.5%
3.4%	Germany	38,779	3.2%
10.1%	Other	429,761	35.2%

t Product Summary June 1992

onally adj thousands of dollars)

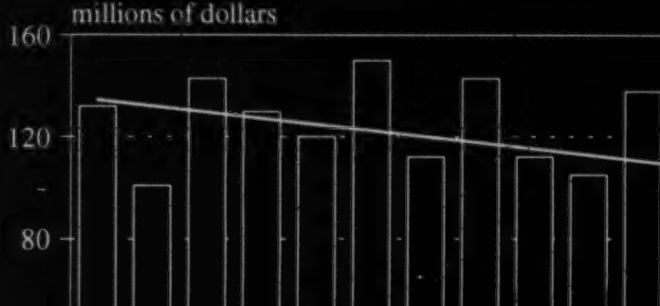
Month			Year-to-Date	
Exports	Balance	Imports	Exports	

Other Communic

(all da

Imports

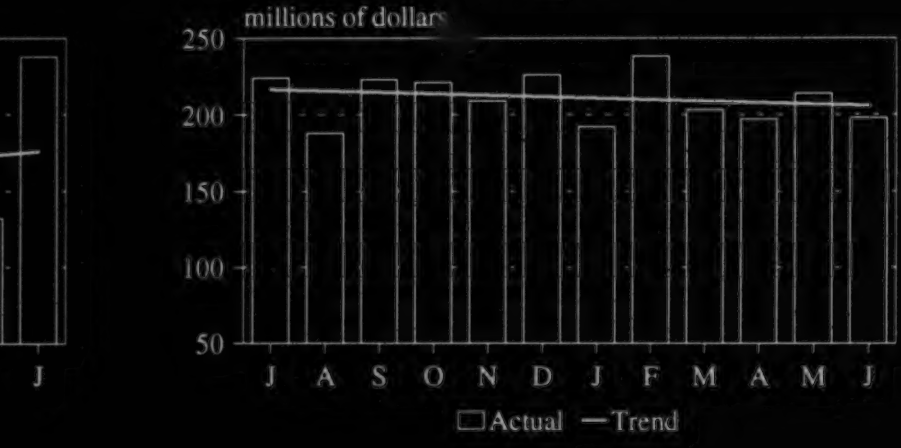
Balance of Trade



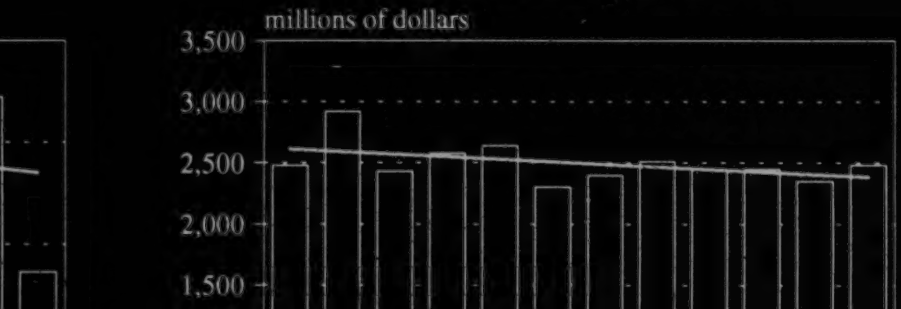
cations Trade Trends June 1992

ata seasonally adjusted)

Exports



Consumption



	Not Seasonally Adj			
	Jun 92	Jun 91	% ch.	May 92
PRODUCTION WORKERS	75.4	82.4	-8.5%	76.6
ALL EMPLOYEES	239.9	262.0	-8.4%	242.2
HOURLY WAGE INDEX	118.7	116.2	2.2%	117.9
ANNUAL SALES/EMP	$125,465	$122,484	2.4%	$125,373

Other Specialized Communications Producer Price Indices July

(12/90=100)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	%
COMPOSITE INDEX	98.8	99.8	-1.0%	98.9	-(
Navigation Systems	101.5	102.1	-0.6%	101.4	(
Radar Equipment	101.3	99.1	2.2%	101.3	-(
Defense Electronics	95.3	99.7	-4.5%	95.5	-(

	Seasonally Adjusted		
	Jul 92	Jun 92	% ch.
Factory Sales	2,466	2,552	-3.4%
New Orders	1,964	1,654	18.8%
Production	2,433	2,499	-2.6%
Inventory	6,828	6,861	-0.5%
Unfilled Orders	32,846	33,347	-1.5%
Book/Bill Ratio	0.80	0.65	22.9%
Inv/Sales Ratio	2.77	2.69	3.0%
Unf/Sales Ratio	13.32	13.07	1.9%
Prod/Sales Ratio	0.99	0.98	0.8%

Other Specialized Co

sonally adjusted sales of specialized com

h. New orders, however, rebounded fr

ports totaled $546 million in the first ha

al employment in June declined 8.4% f

e price index for specialized communica

h in 1991.

Not Seasonally Adjusted			Year-to-Da	
Jul 92	Jul 91	% ch.	YTD 92	YTD 91
2,089	2,232	-6.4%	16,775	17,782
1,857	2,658	-30.1%	14,226	16,006
2,178	2,310	-5.7%	16,463	17,679
6,964	7,968	-12.6%	NA	NA
32,961	37,122	-11.2%	NA	NA
0.89	1.19	-25.4%	NA	NA
3.33	3.57	-6.7%	NA	NA
15.78	16.63	-5.2%	NA	NA
1.04	1.04	0.7%	NA	NA

mmunications Economic Summary

mmunications equipment in July fell 3.4% from the

om June, rising 18.8%.

lf, up 8.8%, while exports fell 4.2% to $1.2 billi

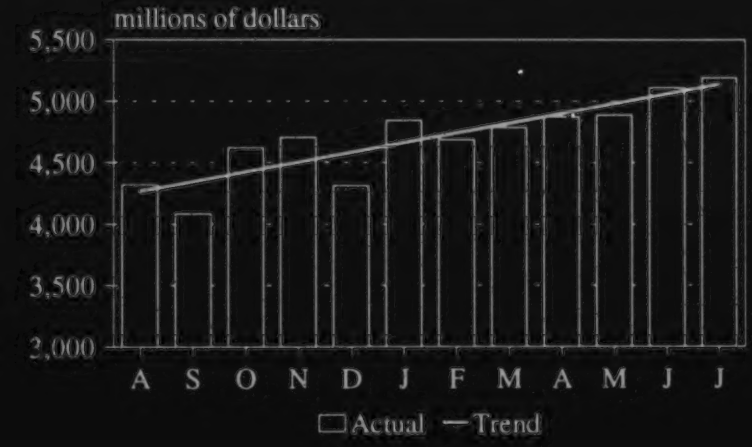
from June 1991, and total production workers fell

ations equipment declined 1% in July compared to

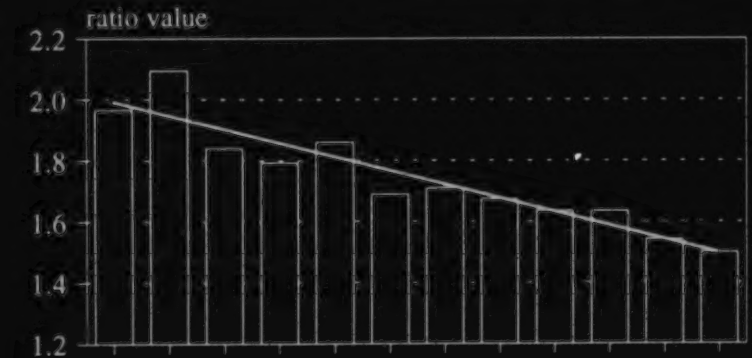
Computers & Peripherals U.S Fac

(all data seasonally adj

Factory Sales



Inventory/Sales Ratio

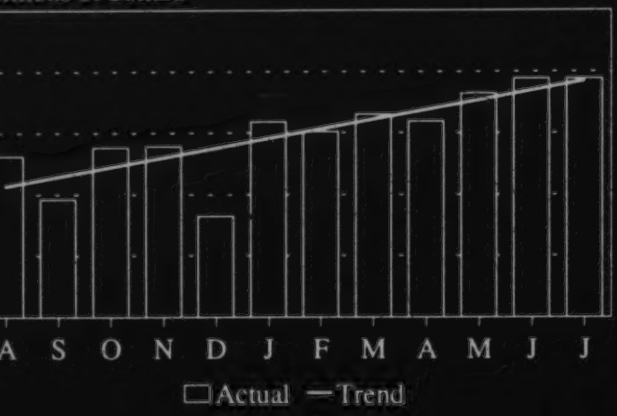


ctory Trends July 1992

justed)

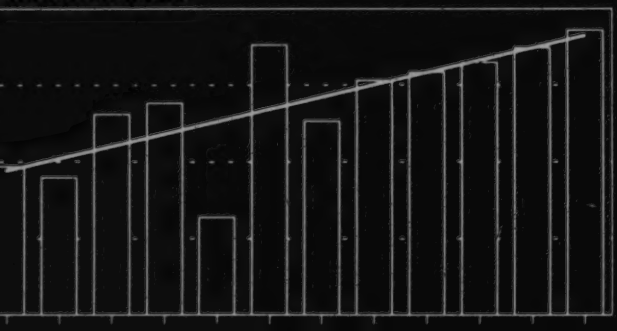
New Orders

illions of dollars



Production

illions of dollars



Import/Export S
(millio

	Seasonally Adjusted			
	Jun 92	May 92	% ch.	Jun 9
ts	2,806	2,503	12.1%	2,841
ts	2,636	2,479	6.3%	2,700
ce	(170)	(24)	NA	(141

Import/Export Coun
(not seasonally ac

IMPORTS	YTD	% of Tot
Japan	5,117,087	34.3%
Singapore	2,407,734	16.2%
Taiwan	1,993,290	13.4%
Canada	1,059,596	7.1%
S. Korea	609,436	4.1%
U.K.	508,754	3.4%
Mexico	421,310	2.8%
Malaysia	381,941	2.6%
Hong Kong	322,303	2.2%
Thailand	314,942	2.1%
Other	1,770,802	11.9%

Import/Export Prod
(not seasonally ac

		Mo
	Imports	Exp

Summary June 1992

s of dollars)

Not Seasonally Adjusted					
2	Jun 91	% ch.	YTD 92	YTD 91	% ch.
	2,292	24.0%	14,503	12,450	16.5%
	2,465	9.5%	14,907	14,585	2.2%
	173	NA	404	2,135	-81.1%

ntry Summary June 1992

dj thousands of dollars)

EXPORTS	YTD	% of Tot
Canada	2,267,855	15.2%
Japan	1,855,074	12.4%
U.K.	1,527,045	10.2%
Germany	1,465,994	9.8%
Netherlands	925,971	6.2%
France	739,045	5.0%
Singapore	706,525	4.7%
Mexico	559,124	3.8%
Australia	536,296	3.6%
Taiwan	313,872	2.1%
Other	4,010,394	26.9%

duct Summary June 1992

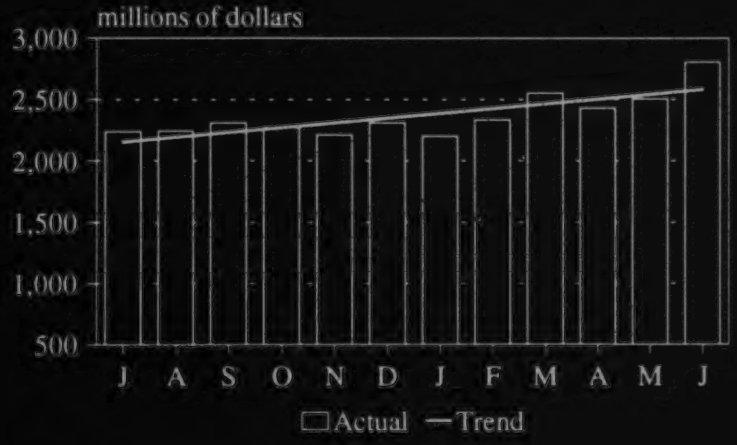
dj thousands of dollars)

onth			Year-to-Date	
ports	Balance	Imports	Exports	Balan

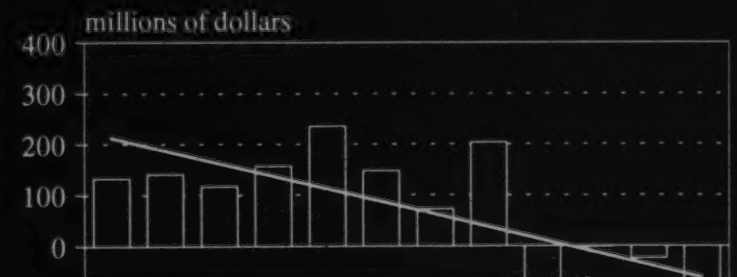
Computers & Peripherals Tr

(all data seasonally

Imports



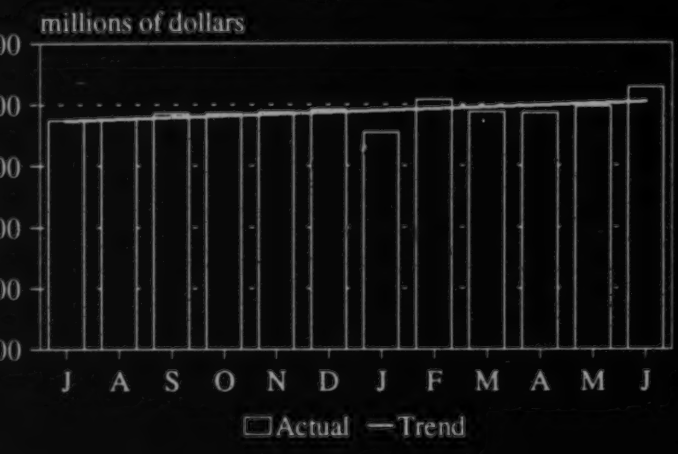
Balance of Trade



rade Trends June 1992

adjusted)

Exports



Consumption

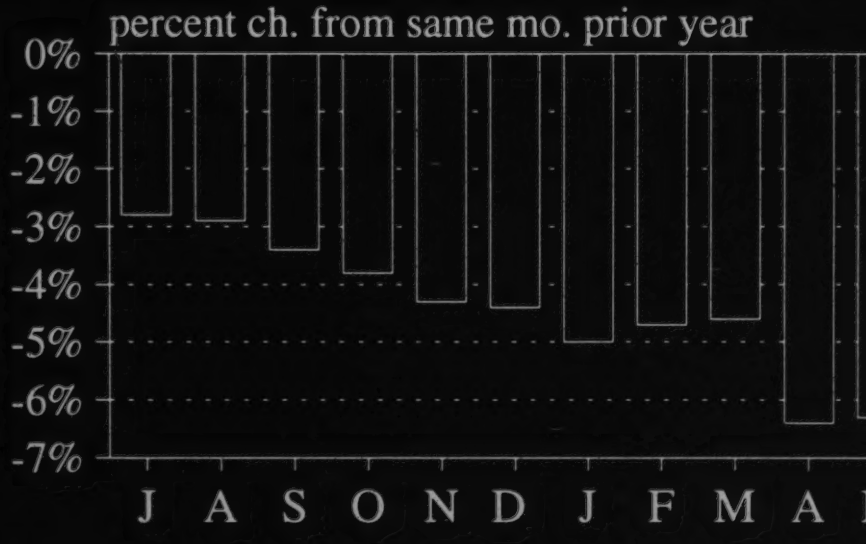
	Not Seasonally Adj				
	Jun 92	Jun 91	% ch.	May 92	% ch.
PRODUCTION WORKERS	129.4	140.0	-7.6%	130.5	-0.8%
Computers	61.5	69.6	-11.6%	62.7	-1.9%
Other	67.9	70.4	-3.6%	67.8	0.1%
ALL EMPLOYEES	396.8	425.9	-6.8%	398.4	-0.4%
Computers	242.8	265.7	-8.6%	245.0	-0.9%
Other	154.0	160.2	-3.9%	153.4	0.4%
HOURLY WAGE INDEX	113.1	116.4	-2.9%	115.3	-1.9%
ANNUAL SALES/EMP	$114,082	$101,958	11.9%	$111,805	2.0%

Computer & Peripheral Producer Price Indices July 1992

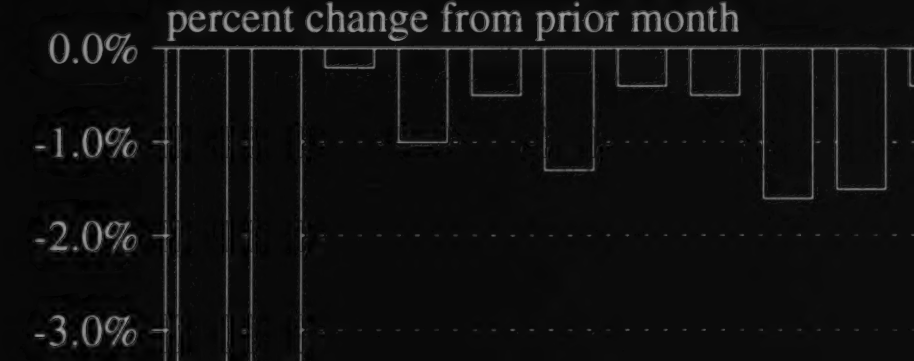
(12/90=100)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
COMPOSITE INDEX	74.6	85.5	-12.7%	75.0	-0.5%
16-bit Computers	74.1	82.2	-9.9%	74.1	NA
32-bit Computers	66.8	83.7	-20.2%	67.6	-1.2%
Hard Disks	102.5	99.6	2.9%	100.7	1.8%
Floppy Diskettes	93.6	100.0	-6.4%	95.7	-2.2%

Computers & Peripherals
All Employees June 1992



Computers & Peripherals
Composite Price Index July 199



	Seasonally Adjust		
	Jul 92	Jun 92	
Factory Sales	2,082	2,108	-
New Orders	2,146	2,121	
Production	2,060	2,114	-
Inventory	4,489	4,512	-
Unfilled Orders	5,257	5,273	-
Book/Bill Ratio	1.03	1.01	
Inv/Sales Ratio	2.16	2.14	
Unf/Sales Ratio	2.52	2.50	
Prod/Sales Ratio	0.99	1.00	-

Industrial

Factory sales fell 1.2% in July from t

seven months of 1992. Sales continue

the first seven months of the year incre

Imports fell 6.4% in the first half of

Total employment dropped 6.6% in Ju

workers fell 10% from the prior year.

The factory price index for industrial

was up 1.4% from the prior year.

(millions of dollars)

ed	Not Seasonally Adjusted				Year-to-
% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 9
1.2%	1,829	1,791	2.1%	14,109	13,822
1.2%	2,378	1,872	27.0%	15,588	13,834
2.6%	1,731	1,749	-1.0%	13,004	13,728
0.5%	3,298	4,636	-28.9%	NA	NA
0.3%	3,797	5,585	-32.0%	NA	NA
2.4%	1.30	1.05	24.4%	NA	NA
0.7%	1.80	2.59	-30.3%	NA	NA
0.9%	2.08	3.12	-33.4%	NA	NA
1.4%	0.95	0.98	-3.0%	NA	NA

Electronics Economic Summary

he prior month, but still posted a gain of 2.1% throu

to be unresponsive to gains in new orders. New ord

ased 12.7%, versus the aforementioned 2.1% gain i

1992, while exports dropped 3.4%.

ne versus the same month in 1991, and the number of

electronics was unchanged from the previous month

Industrial Electronics U.

(all data seas

Factory Sales

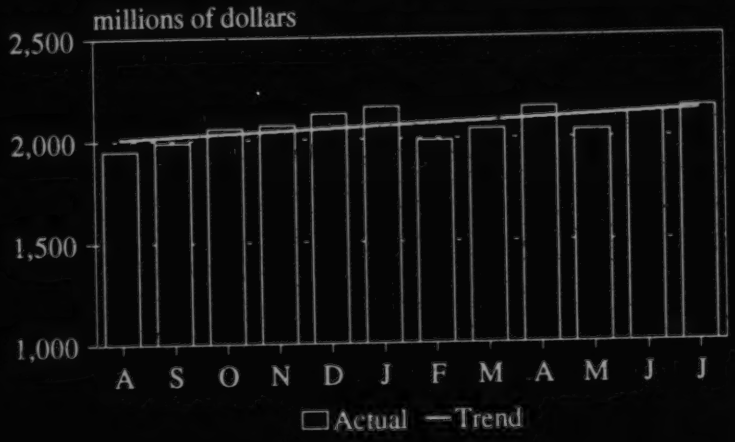
Inventory/Sales Ratio

© Electronic Industries Associ

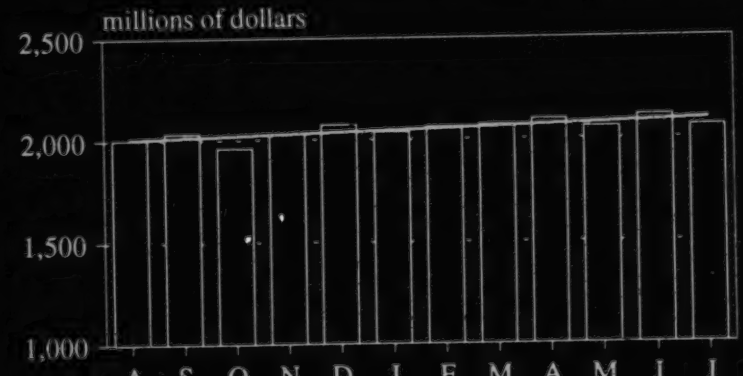
S Factory Trends July 1992

onally adjusted)

New Orders



Production



U.S. Factor

(millio

	Seasonally Adjusted			
	Jul 92	Jun 92	% ch.	
Factory Sales	5,192	5,107	1.7%	3
New Orders	4,944	4,942	0.1%	3
Production	5,108	4,994	2.3%	4
Inventory	7,789	7,873	-1.1%	7
Unfilled Orders	6,645	6,893	-3.6%	6
Book/Bill Ratio	0.95	0.97	-1.6%	
Inv/Sales Ratio	1.50	1.54	-2.7%	
Unf/Sales Ratio	1.28	1.35	-5.2%	
Prod/Sales Ratio	0.98	0.98	0.6%	

Computer & Periph

y sales increased 1.7% from the previous m

en months of the year increased 13.6% reach

xports of computer & peripheral products ro

le imports rose 16.5% year-to-date June.

otal employment declined 6.8% from the pric

roduction workers fell 7.6% from June 1991

he composite price index for computer & pe

pared to the prior month, but was down 12

Data July 1992

ns of dollars)

Not Seasonally Adjusted			Year-to-Date		
ul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
,910	3,292	18.7%	32,207	28,356	13.6%
,702	3,329	11.2%	31,245	28,906	8.1%
,213	3,750	12.3%	32,255	28,454	13.4%
,890	8,720	-9.5%	NA	NA	
,725	9,287	-27.6%	NA	NA	
0.95	1.01	-6.4%	NA	NA	
2.02	2.65	-23.8%	NA	NA	
1.72	2.82	-39.0%	NA	NA	
1.08	1.14	-5.4%	NA	NA	

neral Economic Summary

nonth, while new orders rose 0.1%. Sales in the first

ing more than $32.2 billion.

se just 2.2% through June, totaling over $14.7 billion,

or year in June dropping to 396,800, while the number

.

ripheral equipment recorded a decline of 0.5% in July

7% from the prior year.

Industrial Electroni

Import/Expor

(mil

	Seasonally Adjusted			
	Jun 92	May 92	% ch.	Ju
Imports	285	272	4.8%	2
Exports	696	650	7.1%	7
Balance	411	378	8.7%	4

Import/Export Co

(not seasonally

IMPORTS	YTD	% o
Japan	366,588	24
Canada	208,560	13
U.K.	174,366	11
Germany	165,977	10
Mexico	91,650	6
France	57,132	3
Switzerland	37,425	2
Netherlands	37,182	2
Taiwan	30,804	2
Sweden	28,674	1
Other	324,341	21

Import/Export Pr

(not seasonally

Imports

cs Foreign Trade Summary

rt Summary June 1992

lions of dollars)

Not Seasonally Adjusted					
n 92	Jun 91	% ch.	YTD 92	YTD 91	% ch.
80	217	29.2%	1,401	1,497	-6.4%
06	669	5.5%	3,736	3,868	-3.4%
25	452	-5.9%	2,335	2,371	-1.6%

untry Summary June 1992

adj thousands of dollars)

f Tot	EXPORTS	YTD	% of Tot
.1%	Japan	514,970	13.5%
.7%	Canada	509,400	13.4%
.5%	Germany	298,876	7.9%
.9%	S. Korea	275,718	7.2%
0%	U.K.	249,146	6.5%
8%	Mexico	231,021	6.1%
5%	France	198,294	5.2%
4%	Taiwan	161,531	4.2%
0%	Italy	128,995	3.4%
9%	Singapore	102,283	2.7%
3%	Other	1,134,544	29.8%

oduct Summary June 1992

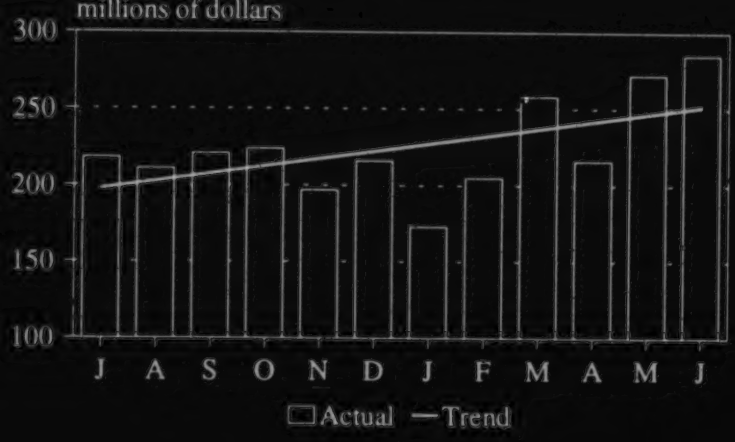
adj thousands of dollars)

Month			Year-to-Date		
Exports	Balance	Imports	Exports	Balance	

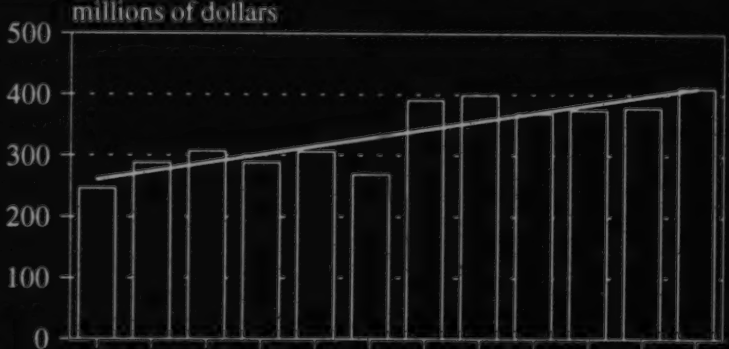
Industrial Electronic

(all data se

Imports



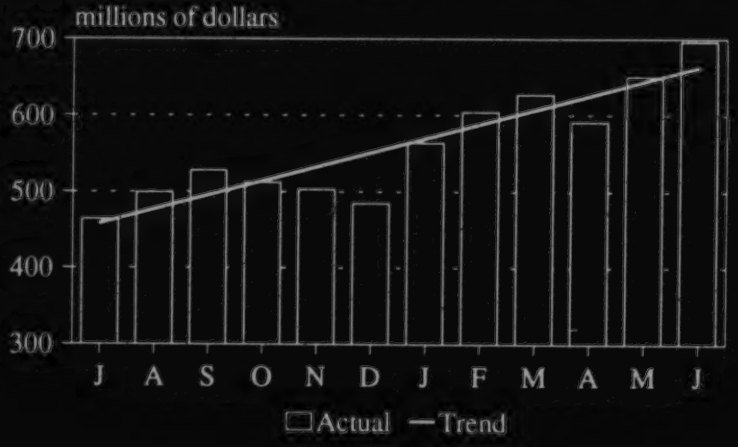
Balance of Trade



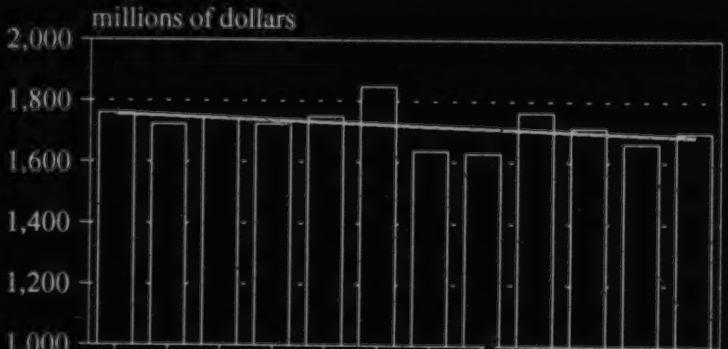
cs Trade Trends June 1992

asonally adjusted)

Exports



Consumption



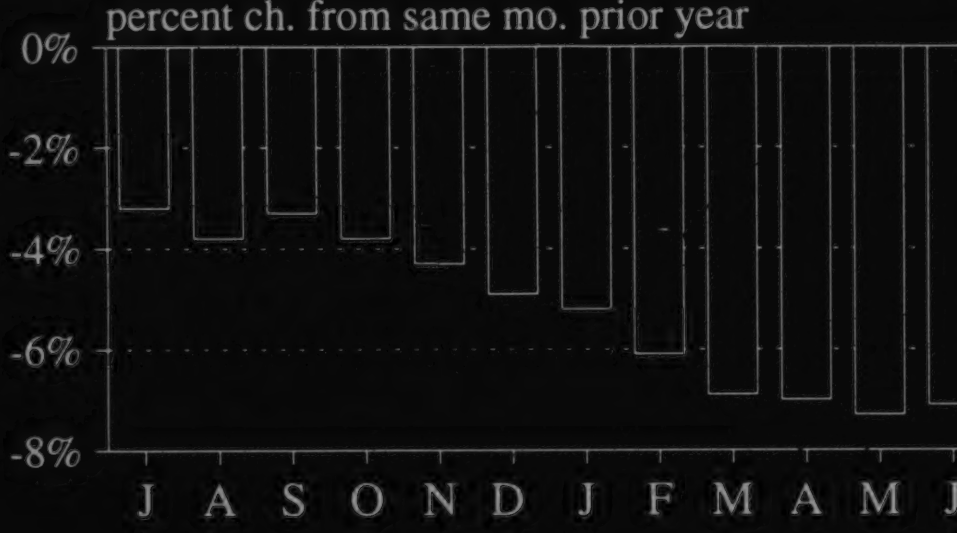
	Not Seasonally Adj				
	Jun 92	Jun 91	% ch.	May 92	% ch
ODUCTION WORKERS	119.2	131.8	-9.6%	120.0	-0.7%
Process Controls	28.5	32.8	-13.1%	29.0	-1.7%
Testing/Measuring	39.4	43.8	-10.0%	39.5	-0.3%
Other	51.3	55.2	-7.1%	51.5	-0.4%
ALL EMPLOYEES	234.4	251.0	-6.6%	234.4	NA
Process Controls	59.2	64.9	-8.8%	59.3	-0.2%
Testing/Measuring	80.3	86.5	-7.2%	80.1	0.2%
Other	94.9	99.6	-4.7%	95.0	-0.1%
HOURLY WAGE INDEX	115.2	112.7	2.1%	114.6	0.5%
ANNUAL SALES/EMP	$101,630	$95,155	6.8%	$101,065	0.6%

Industrial Electronics Producer Price Indices July 1992

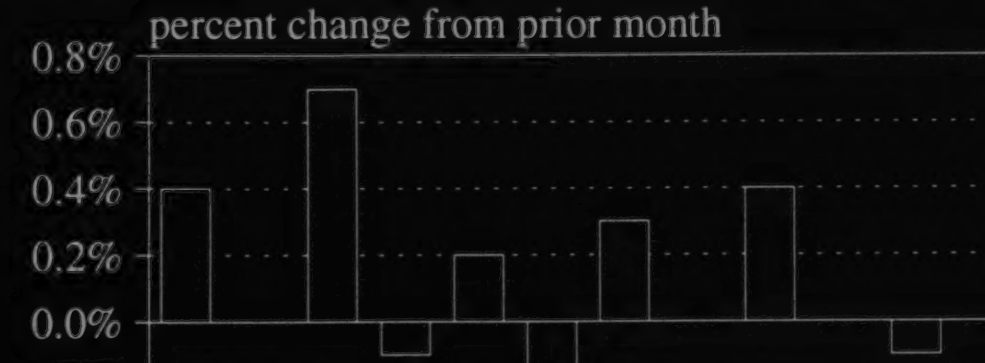
(12/90=100)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
COMPOSITE INDEX	103.2	101.8	1.4%	103.2	NA
Testing/Measuring	102.6	101.5	1.1%	102.3	0.3%
Nuclear Radiation	103.7	101.5	2.2%	104.2	-0.4%
Process Controls	102.7	99.9	2.8%	103.1	-0.3%
Other Equipment	104.5	104.0	0.4%	104.6	-0.1%

Industrial Electronics
All Employees June 1992



Industrial Electronics
Composite Price Index July 1992



Electron
U.S. Fact
(n

	Seasonally Adjusted		
	Jul 92	Jun 92	% ch.
Factory Sales	647	668	-3.2%
New Orders	657	602	9.2%
Production	667	687	-2.8%
Inventory	1,407	1,386	1.5%
Unfilled Orders	1,721	1,711	0.6%
Book/Bill Ratio	1.02	0.90	12.8%
Inv/Sales Ratio	2.18	2.07	4.9%
Unf/Sales Ratio	2.66	2.56	4.0%
Prod/Sales Ratio	1.03	1.03	0.4%

Electromedical E

ne's rebound was short-lived as sales of el

July. New orders improved 9.2% from Ju

irst half 1992 imports declined 0.4% to $

otal employment in the electromedical eq

nedical Equipment
tory Data July 1992

nillions of dollars)

Not Seasonally Adjusted			Year-to-Date	
Jul 92	Jul 91	% ch.	YTD 92	YTD 91
611	609	0.3%	4,513	4,324
622	643	-3.4%	4,390	4,228
630	617	2.2%	4,583	4,370
1,407	1,340	5.0%	NA	NA
1,721	1,910	-9.9%	NA	NA
1.02	1.06	-3.7%	NA	NA
2.30	2.20	4.7%	NA	NA
2.82	3.14	-10.2%	NA	NA
1.03	1.01	1.8%	NA	NA

quipment Economic Summary

ectromedical equipment fell 3.2% from the previous

une, and were up 3.8% through July.

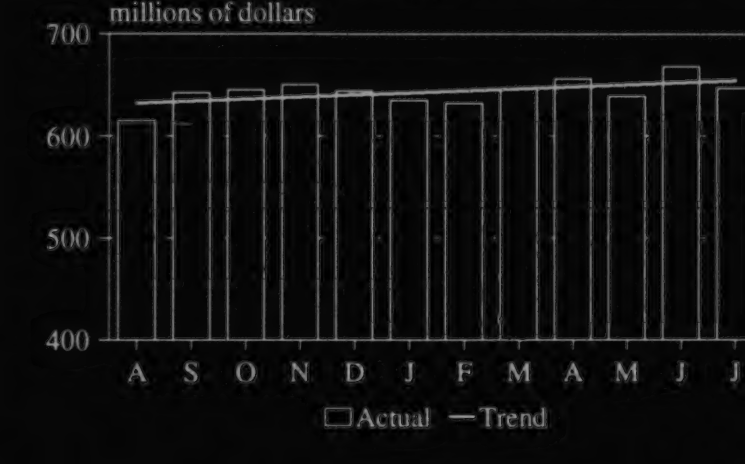
1.1 billion, while exports totaled $1.7 billion, up 12

uipment industry rose 2.1% in July from the prior y

Electromedical Equipm

(all data

Factory Sales

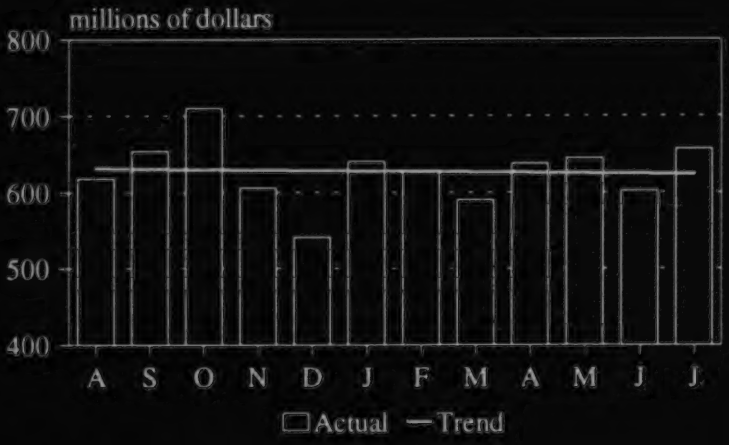


Inventory/Sales Ratio

ent U.S Factory Trends July 1992

seasonally adjusted)

New Orders



Production

Electromedical Equipment Foreign Trade Summary

Import/Export Summary June 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted				
	Jun 92	May 92	% ch.	Jun 92	Jun 91	% ch.	YTD 92	YTD 9
Imports	185	166	11.4%	186	194	-4.4%	1,077	1,081
Exports	279	294	-5.1%	284	265	7.0%	1,674	1,492
Balance	94	128	-26.6%	98	71	38.0%	597	410

Import/Export Country Summary June 1992
(not seasonally adjusted thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	335,267	31.1%	Germany	248,323	14.8%
Germany	326,867	30.3%	Japan	236,423	14.1%
Netherlands	78,485	7.3%	Canada	148,498	8.9%
France	70,010	6.5%	Netherlands	136,984	8.2%
Mexico	50,520	4.7%	France	92,618	5.5%
U.K.	39,959	3.7%	U.K.	87,276	5.2%
Ireland	18,478	1.7%	Italy	74,549	4.5%
Israel	17,354	1.6%	Mexico	58,466	3.5%
Italy	14,861	1.4%	Australia	50,605	3.0%
Canada	14,759	1.4%	Sweden	50,468	3.0%
Other	110,829	10.3%	Other	489,668	29.3%

Import/Export Product Summary June 1992
(not seasonally adjusted thousands of dollars)

	Month			Year-to-Da	
	Imports	Exports	Balance	Imports	Exports

Electromedica

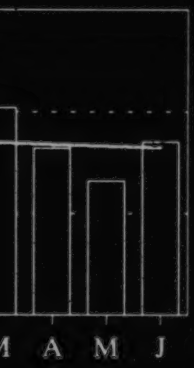
Imports

Balance of Tra

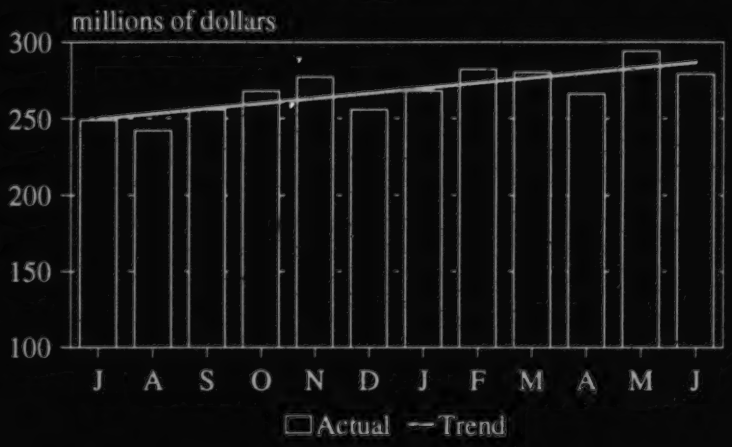
© Electronic Industr

al Equipment Trade Trends June 1992

(all data seasonally adjusted)



Exports



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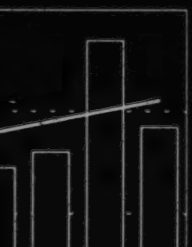
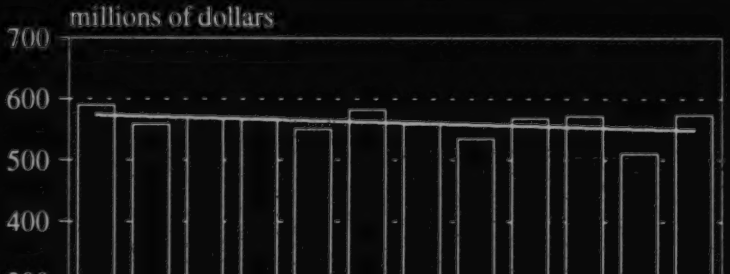


Consumption



Electromedical Equipment

(thousands o

	Jun 92	Ju
PRODUCTION WORKERS	18.3	1
ALL EMPLOYEES	45.5	4
HOURLY WAGE INDEX	120.9	1
ANNUAL SALES/EMP	$173,560	$17

Electromedical Equipment Pro

(12/90=

	Jul 92	Jul
COMPOSITE INDEX	102.8	100
Irradiation Equipment	102.1	101
Diagnostic/Monitoring	103.3	100
Electrotherapeutic	102.3	100

t Employment June 1992

f workers)

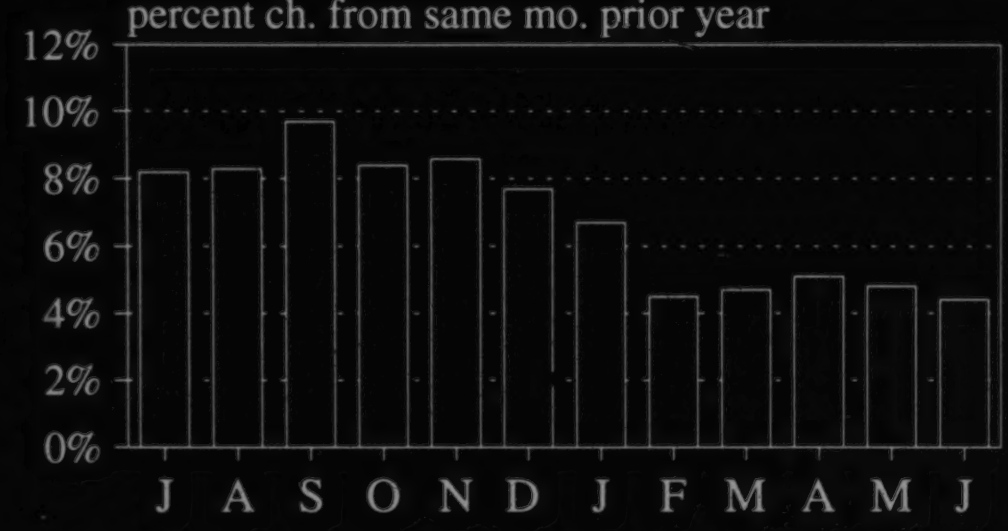
Not Seasonally Adj			
n 91	% ch.	May 92	% ch.
7.2	6.4%	18.0	1.7%
3.6	4.4%	45.5	NA
14.3	5.8%	120.9	NA
4,902	-0.8%	$172,935	0.4%

ducer Price Indices July 1992

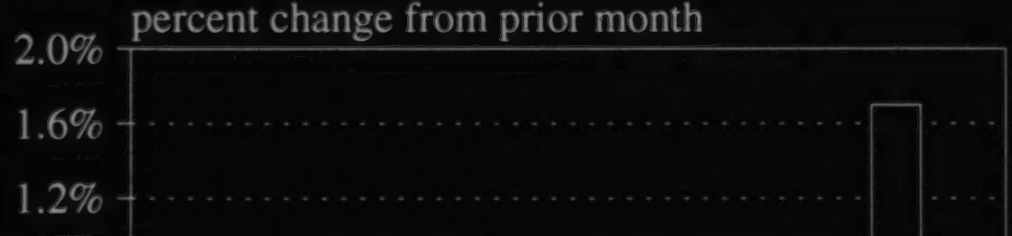
=100)

Not Seasonally Adj			
91	% ch.	Jun 92	% ch.
7	2.1%	102.9	-0.1%
1	1.0%	102.0	0.1%
6	2.7%	103.6	-0.2%
5	1.9%	102.1	0.3%

Electromedical Equipment
All Employees June 1992



Electromedical Equipment
Composite Price Index July 1992



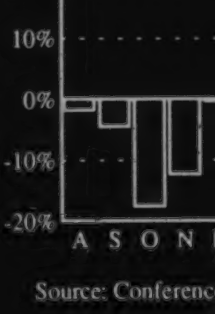
Capacity Utilization

(percent change from previous change)

Source: Federal Reserve Board

Consumer C

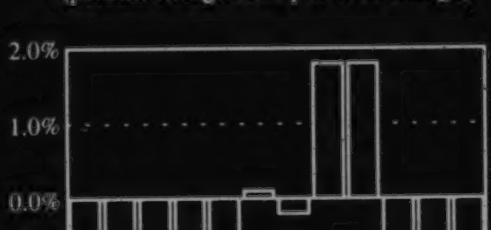
(percent change



Source: Conferenc

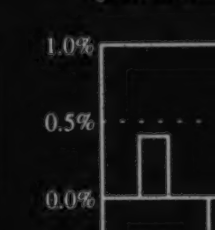
Trade Weighted Dollar Index

(percent change from previous change)



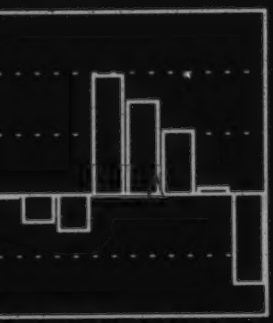
Indust

(percent cha



Confidence Index

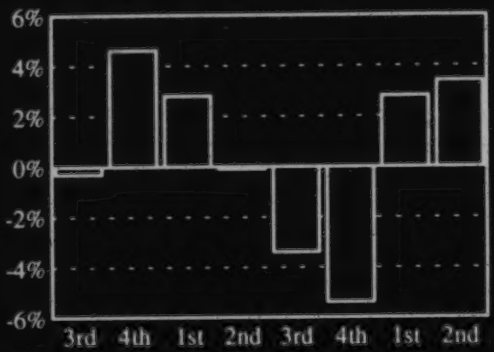
from previous change)



e Board

Government Purchases

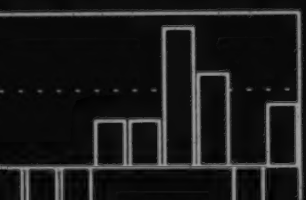
(quarter vs. previous quarter)



Source: Department of Commerce

rial Production

nge from previous change)

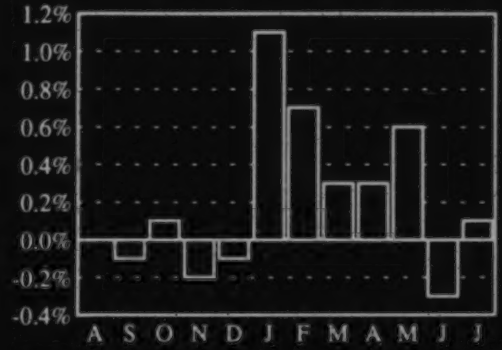


Housing Starts

(percent change from previous change)

Leading Economic Indicators

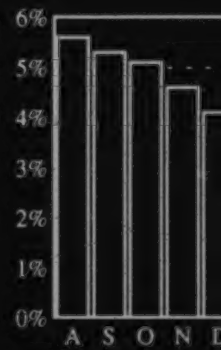
(percent change from previous change)



Source: Federal Reserve Board

90 Day

(in



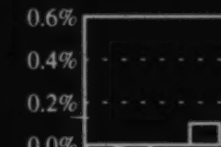
Source: Conferenc

Real GDP

(quarter vs. previous quarter)

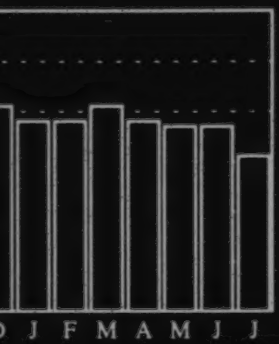
Real Mo

(percent chan



T-Bill Rate

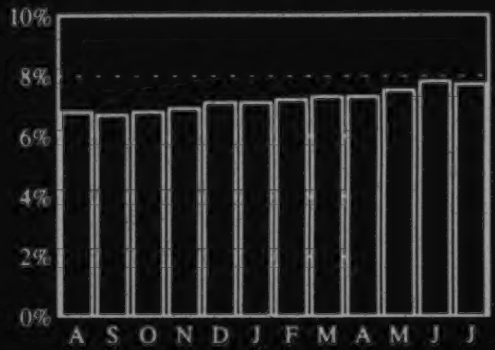
terest rate)



e Board

Unemployment Rate

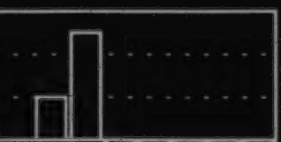
(precent of civilian laborforce)



Source: Department of Commerce

ney Supply M-2

ge from previous change)



Retail Sales

(percent change from previous change)

[1]Represents U.S. factory sales of electronics, com
electronics, telecommunications equipment, other
electronics, electromedical equipment, and the esti
as well as computer related software and service

[2]Represents imports for consumption, customs va

[3]Represents total exports, including reexports.

[4]Represents the composite weighted average price
indices from electronic components, consumer e
specialized communications, computers & periph

[5]Represents domestically-produced audio and vid

[6]Represents the ratio of total factory sales for a s
sector during the same 12-month period.

[7]Represents total consumer electronics sales in th

[8]Represents the weighted producer price index of

U.S. Factory Data - U.S. Department of

Total Consumer Electronics Sales - EIA

Electronics Foreign Trade - U.S. Departm

Employment Data - Bureau of Labor Sta

Footnotes

nprised of electronic components, domestically-produced cons
specialized communications, computers & peripheral equipmen
imated electronic content specific to the aerospace and automobi
s.

lue.

e index of the electronic industries. The index is comprised o
lectronics (including imports), telecommunications equipment,
heral equipment, industrial electronics, and electromedical equ

eo products, blank media products and electronic toys.

ector during the last 12-month period to average total employ

e U.S., including imports.

audio and video products sold in the U.S. market including i

Sources

Commerce

Marketing Services Department

nent of Commerce

tistics

EIA Marketi
Departmen

Electronic Market Data Bo

This yearbook of the U.S. electronic indu
help you instantly locate facts and figures f
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electronic components, government e
industrial electronics and telecomm
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Electronics Foreign Trade

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import and export trends, this monthly st
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Table of Contents

U.S. Electronics Industry Summary
- U.S. Factory Data
- Electronics Foreign Trade
- U.S. Electronics Employment
- Electronics Producer Price Index

Electronic Components Summary
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Consumer Electronics Summary
- Domestically-Produced Consumer Electronics
- Total Consumer Electronics Sales
- Foreign Trade Summary
- Employment
- Producer Price Indices

Telecommunications Equipment Summary
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Other Specialized Communications Summary
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Computers & Peripheral Equipment Summary
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

Industrial Electronics Summary
- U.S. Factory Data
- Foreign Trade Summary
- Employment
- Producer Price Indices

U.S. Electronics Industry Summary

U.S. Factory Sales August 1992
(millions of dollars)

	Seasonally Adj			Not Seasonally Adj			Year-to-Da	
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91
Factory Sales[1]	23,577	24,458	-3.6%	22,374	22,025	1.6%	181,627	172,639

Electronics Foreign Trade Summary July 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	%
mports[2]	7,382	7,705	-4.2%	7,457	6,555	13.8%	47,826	42,312	13
Exports[3]	6,388	6,554	-2.5%	6,126	5,649	8.4%	43,945	42,244	4.
Balance	(994)	(1,151)	-13.6%	(1,331)	(906)	NA	(3,882)	(68)	N

Bilateral Trade Summary July 1992
(not seasonally adj millions of dollars)

	IMPORTS	% of Tot	EXPORTS	% of Tot	BALANCE
Japan	16,559	84.5%	4,654	24.7%	(11,905)
Canada	3,718	19.0%	7,424	39.4%	3,706
Singapore	4,344	22.2%	2,153	11.4%	(2,191)
Mexico	3,150	16.1%	3,210	17.0%	60
Taiwan	4,330	22.1%	1,814	9.6%	(2,516)
S. Korea	3,121	15.9%	1,550	8.2%	(1,571)
U.K.	1,291	6.6%	3,358	17.8%	2,067
Germany	1,455	7.4%	2,997	15.9%	1,542
Malaysia	2,831	14.5%	1,204	6.4%	(1,627)
France	598	3.1%	1,685	8.9%	1,087
Other	6,546	33.4%	13,963	74.2%	7,417

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Electronics Employmen

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		Seasonally
	Jul 92	Jun 92
ION WORKERS	847.1	849.2
LL EMPLOYEES	1,807.0	1,811.8
Y WAGE INDEX	NA	NA

Electronics Producer Pr

(12/90=

	Aug 92	Aug
COMPOSITE INDEX	94.1	96.

U.S. Electronics Ec

adjusted factory sales of electronics fell

decline since May.

t Summary July 1992

f workers)
dex 1/88=100

Adj		Not Seasonally Adj		
	% ch.	Jul 92	Jul 91	% ch.
	-0.3%	849.3	893.2	-4.9%
	-0.3%	1,808.3	1,912.8	-5.5%
		117.2	112.9	3.8%

ice Index August 1992

=100)

Not Seasonally Adj			
91	% ch.	Jul 92	% ch.
0	-2.0%	94.1	NA

onomic Summary

l 3.6% from July as sales totaled $22.4 billion, this

Electronic Components
U.S. Factory Data August 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92
actory Sales	4,820	4,896	-1.5%	4,839	4,695	3.1%	38,113
New Orders	4,961	5,087	-2.5%	4,873	4,430	10.0%	38,762
Production	4,878	4,898	-0.4%	4,919	4,640	6.0%	38,292
Inventory	8,034	7,976	0.7%	8,155	8,632	-5.5%	NA
filled Orders	13,071	12,931	1.1%	13,071	12,415	5.3%	NA
ok/Bill Ratio	1.03	1.04	-0.9%	1.01	0.94	6.7%	NA
/Sales Ratio	1.67	1.63	2.3%	1.69	1.84	-8.3%	NA
f/Sales Ratio	2.71	2.64	2.7%	2.70	2.64	2.1%	NA
d/Sales Ratio	1.01	1.00	1.2%	1.02	0.99	2.8%	NA

Electronic Components Economic Summary

s of components fell 1.5% from the prior month in August, and like total electr

ecline since May. New orders meanwhile, were off 2.5% from July's 1992

st drop in new orders, they have remained significantly stronger in the last three

year. Through the first eight months of 1992, orders showed a gain of 4.3%,

Electronics Compone

(all data

Factory Sales

Inventory/Sales Ratio

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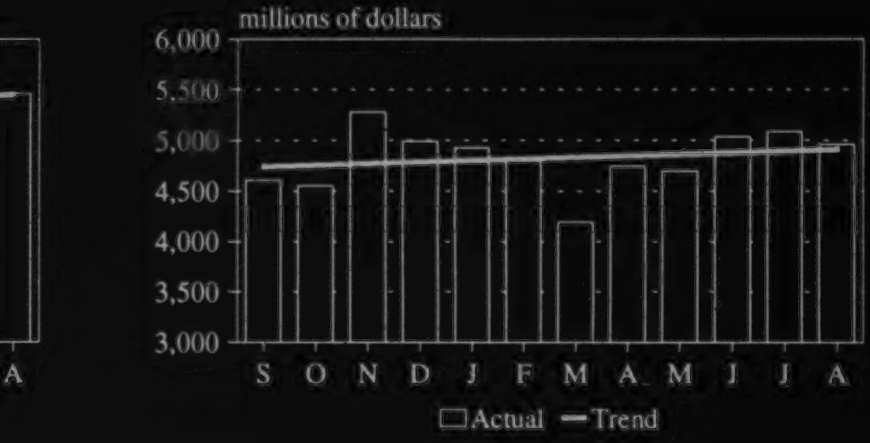
nts U.S Factory Trends August 1992

a seasonally adjusted)

New Orders



Production

Electronic Components Foreign Trade Summary

Import/Export Summary July 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
IMPORTS	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Electron Tubes	47	75	-37.3%	55	56	-1.8%	367	295	24.4%
Passive Components	721	748	-3.6%	730	707	3.3%	5,003	5,079	-1.5%
Solid State Products	1,237	1,351	-8.4%	1,260	1,121	12.4%	8,685	7,413	17.2%
Total Components	2,005	2,174	-7.8%	2,045	1,884	8.5%	14,055	12,787	9.9%
EXPORTS									
Electron Tubes	52	61	-14.8%	51	54	-5.6%	379	379	0.2%
Passive Components	430	479	-10.2%	439	492	-10.8%	3,292	3,338	-1.4%
Solid State Products	1,387	1,242	11.7%	1,329	1,107	20.1%	9,014	8,435	6.9%
Total Components	1,869	1,782	4.9%	1,819	1,653	10.0%	12,685	12,152	4.4%
BALANCE									
Electron Tubes	5	(14)	NA	(4)	(2)	100.0%	12	83	-85.6%
Passive Components	(291)	(269)	8.2%	(291)	(215)	35.3%	(1,710)	(1,741)	-1.8%
Solid State Products	150	(109)	NA	69	(14)	NA*	329	1,023	-67.8%
Total Components	(136)	(392)	-65.3%	(226)	(231)	-2.2%	(1,369)	(635)	115.7%

Import/Export Country Summary July 1992
(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	3,947,251	28.1%	Canada	2,710,841	21.4%
Canada	1,570,234	11.2%	Mexico	1,280,655	10.1%
Mexico	1,375,194	9.8%	Singapore	1,044,362	8.2%
S. Korea	1,254,888	8.9%	Japan	1,000,786	7.9%
Malaysia	1,191,146	8.5%	Malaysia	944,486	7.4%
Taiwan	1,132,398	8.1%	Taiwan	803,518	6.3%
Singapore	963,837	6.9%	U.K.	758,458	6.0%

Import/Expor

(not seaso

	Imports
Cathode Ray Tubes	39,054
Receiving Tubes	232
Power and Special Purpose Tubes	15,964
Capacitors	51,362
Resistors	34,982
Relays	37,082
Connectors	44,223
Electronic Wire	84,602
Transformers	12,503
Power Supplies	86,146
Printed Circuits and Boards	91,226
Parts of TV/Audio Apparatus	204,084
Indicator Panels	31,352
Switches	13,625
Piezoelectric Crystals	13,539
Other Parts	25,603

t Product Summary July 1992

nally adj thousands of dollars)

Month			Year-to-Date	
Exports	Balance	Imports	Exports	Balance
32,780	(6,274)	270,261	248,011	(22,250)
486	254	1,844	3,957	2,113
18,014	2,050	95,819	127,146	31,327
44,817	(6,545)	347,202	334,966	(12,236)
19,553	(15,429)	217,507	123,520	(93,987)
29,411	(7,672)	246,404	194,652	(51,752)
31,794	(12,429)	295,624	208,809	(86,815)
73,983	(10,619)	550,757	622,075	71,319
3,118	(9,386)	81,612	23,470	(58,142)
10,120	(76,026)	580,785	78,878	(501,908)
77,223	(14,003)	765,033	711,078	(53,955)
117,406	(86,679)	1,351,089	776,585	(574,503)
4,602	(26,751)	212,691	26,154	(186,537)
1,971	(11,654)	97,159	16,538	(80,621)
3,986	(9,553)	92,546	27,423	(65,124)
20,588	(5,015)	165,148	148,330	(16,809)

Electronic Com

(all

Imports

Balance of Trade

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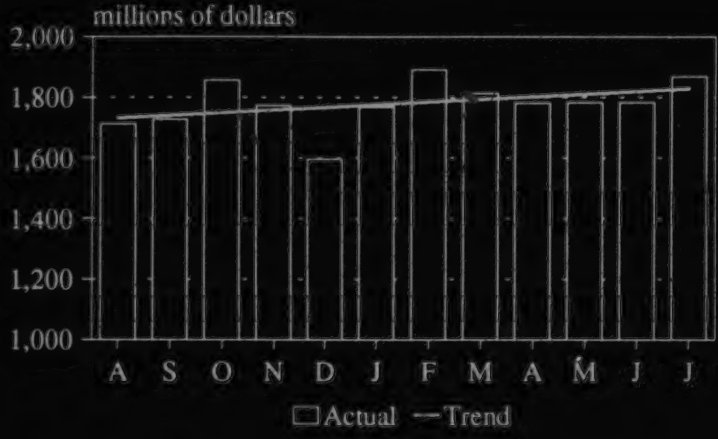
nponents Trade Trends July 1992

data seasonally adjusted)

Exports



Consumption

Electronic Component Employment July 1992

(thousands of workers)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch	Jun 92	% ch.
PRODUCTION WORKERS	347.7	355.6	-2.2%	345.9	0.5%
Electron Tubes	17.1	18.8	-9.0%	17.5	-2.3%
Semiconductors	94.0	93.5	0.5%	93.8	0.2%
Other	236.6	243.3	-2.8%	234.6	0.9%
ALL EMPLOYEES	597.3	618.3	-3.4%	595.3	0.3%
Electron Tubes	25.7	28.2	-8.9%	26.2	-1.9%
Semiconductors	225.6	231.5	-2.5%	224.9	0.3%
Other	346.0	358.6	-3.5%	344.2	0.5%
HOURLY WAGE INDEX	118.8	113.4	4.8%	116.6	1.9%
ANNUAL SALES/EMP	$95,027	$87,768	8.3%	$94,466	0.6%

Electronic Component Producer Price Indices August 1992

(12/90=100)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
COMPOSITE INDEX	99.2	100.3	-1.1%	99.2	-0.1%
CRTs	98.2	98.6	-0.4%	98.2	NA
Capacitors	100.6	101.4	-0.8%	100.4	0.2%
Resistors	102.9	100.3	2.6%	100.0	2.9%
Relays	111.7	101.7	9.8%	111.8	-0.1%
Switches	102.3	102.4	-0.1%	101.2	1.1%
Connectors	106.7	105.5	1.1%	106.7	NA
Filters	105.5	103.8	1.6%	105.4	0.1%
Antennae	88.6	89.6	-1.1%	89.2	-0.6%
Diodes	99.1	100.0	-0.9%	99.7	-0.6%
Transistors	98.7	100.1	-1.4%	99.7	-1.0%
Semiconductors	94.6	99.1	-4.6%	94.9	-0.3%
Printed Circuits	99.3	99.5	-0.2%	99.3	NA
Electronic Wire	99.2	99.7	-0.5%	100.1	-0.9%

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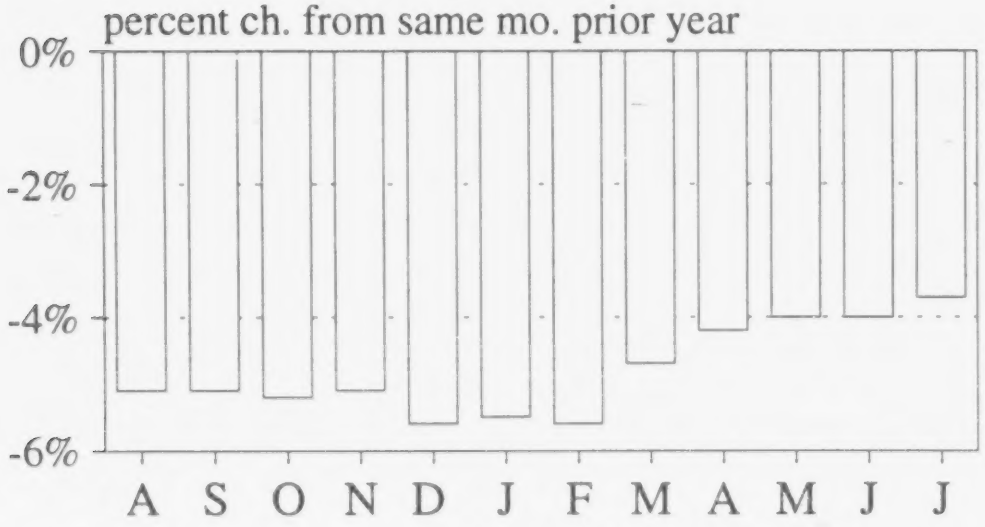
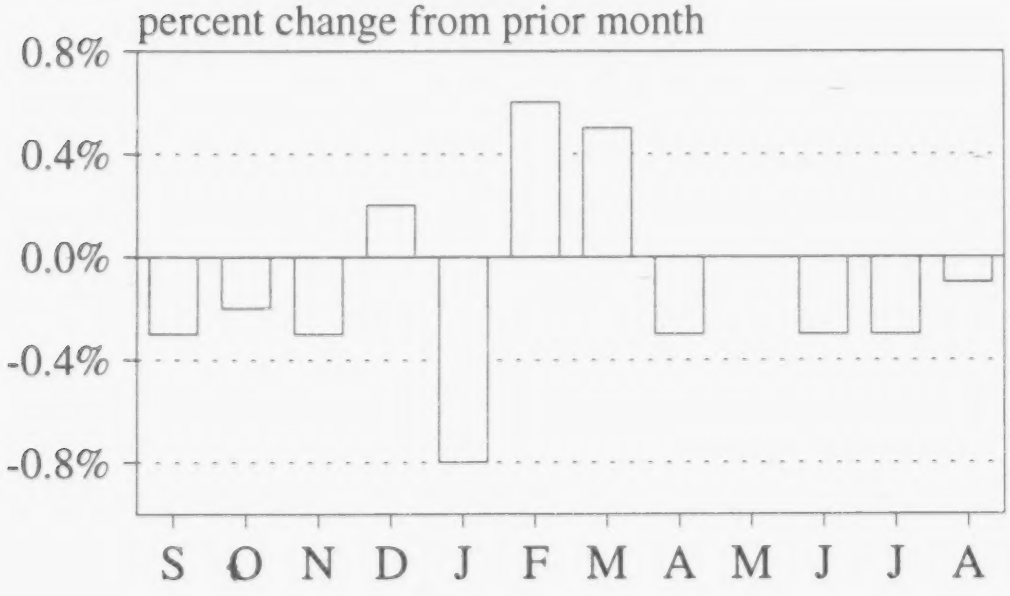
Electronic Components
All Employees July 1992



Electronic Components
Composite Price Index August 1992



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Domestically-Produced Consumer Electronics
U.S. Factory Data August 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales[5]	934	962	-3.0%	886	790	12.2%	6,421	5,489	17.0%
Inventory	1,386	1,407	-1.5%	1,512	1,402	7.9%	NA	NA	
Inv/Sales Ratio	1.48	1.46	1.5%	1.71	1.78	-3.9%	NA	NA	

Total Consumer Electronics Sales Including Imports
August 1992
(not seasonally adjusted millions of dollars)

	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
VIDEO PRODUCTS	1,008	891	13.0%	7,187	6,526	10.1%
Color TVs	546	476	14.6%	3,889	3,514	10.6%
VCR Decks	228	183	24.9%	1,659	1,307	27.0%
Camcorders	166	165	0.1%	1,058	1,145	-7.6%
Other	68	67	1.5%	580	559	3.7%
AUDIO PRODUCTS	896	864	3.8%	6,176	5,795	6.6%
Portable	216	200	8.2%	1,395	1,200	16.2%
Home Components	130	155	-16.1%	941	1,138	-17.3%
Autosound	425	389	9.2%	3,077	2,722	13.0%
Audio Systems	125	120	4.1%	763	735	3.8%
HOME INFORMATION EQUIPMENT	900	842	7.0%	6,952	6,511	6.8%
BLANK MEDIA AND ACCESSORIES	332	327	1.7%	2,614	2,535	3.2%
TOTAL[7]	3,136	2,923	7.3%	22,929	21,367	7.3%

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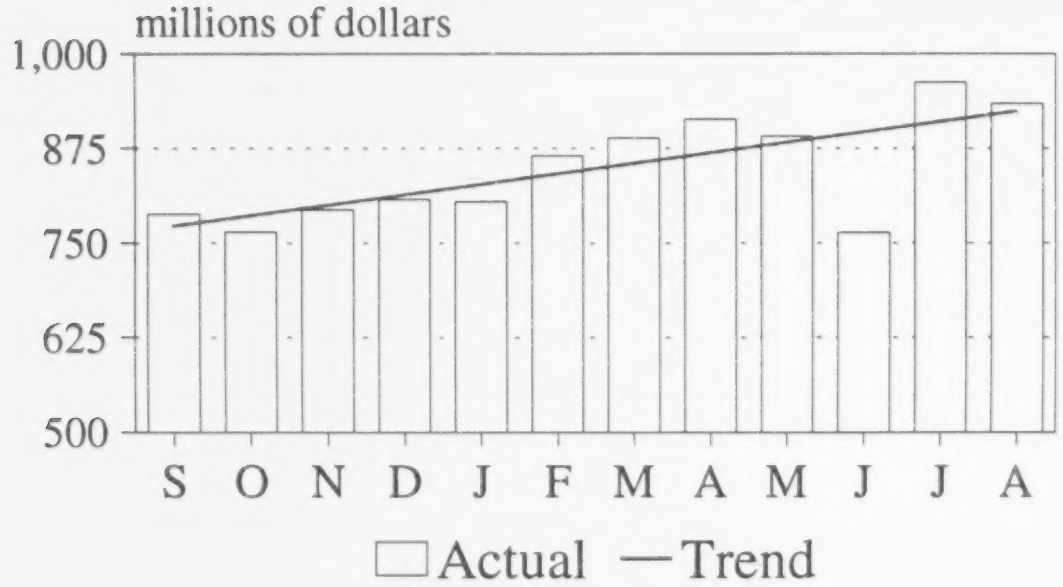
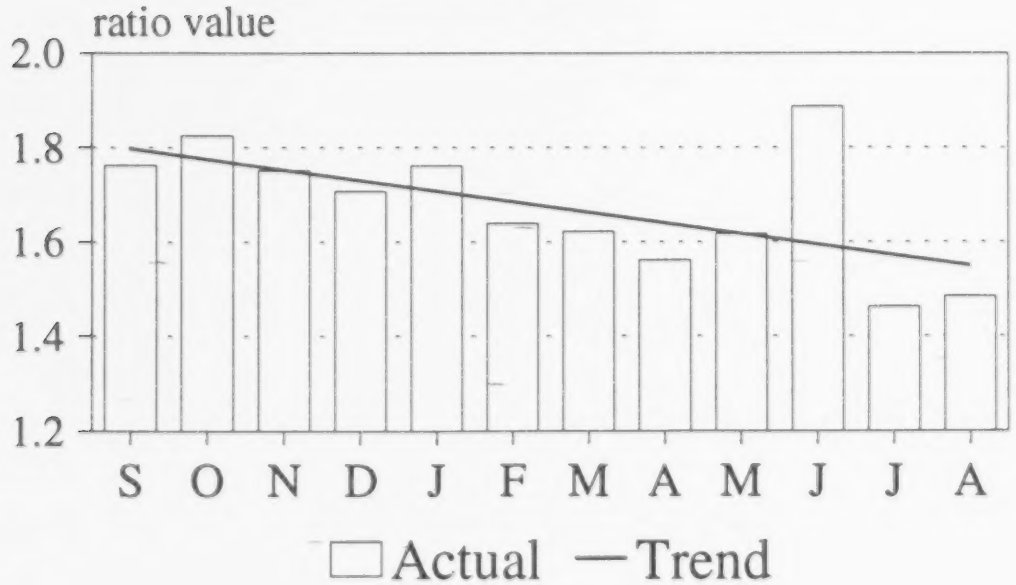
Domestically Produced Consumer Electronics
U.S. Factory Trends August 1992

Factory Sales



Inventory/Sales



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Consumer Electronics Foreign Trade Summary

Import/Export Summary July 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Imports	1,429	1,390	2.8%	1,436	1,221	17.6%	8,400	7,107	18.2%
Exports	265	259	2.3%	242	190	27.4%	1,718	1,423	20.7%
Balance	(1,164)	(1,131)	2.9%	(1,194)	(1,031)	15.8%	(6,681)	(5,684)	17.5%

Import/Export Country Summary July 1992
(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	3,928,205	46.8%	Canada	422,749	24.6%
S. Korea	875,216	10.4%	Mexico	274,624	16.0%
Mexico	832,976	9.9%	Japan	162,331	9.4%
Malaysia	807,549	9.6%	Taiwan	79,513	4.6%
China	562,024	6.7%	Germany	68,250	4.0%
Taiwan	367,585	4.4%	U.K.	63,795	3.7%
Singapore	359,158	4.3%	Netherlands	60,994	3.6%
Thailand	286,302	3.4%	Argentina	57,630	3.4%
Indonesia	75,711	0.9%	Hong Kong	46,240	2.7%
Hong Kong	68,460	0.8%	Venezuela	44,719	2.6%
Other	236,412	2.8%	Other	436,957	25.4%

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Import/Export Product Summary July 1992

(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Color TV Receivers	153,306	38,411	(114,895)	996,854	279,802	(717,052)
Monochrome TV Receivers	8,059	6,283	(1,776)	53,759	36,121	(17,638)
VCR Decks	283,206	16,076	(267,130)	1,611,544	120,453	(1,491,090)
Camcorders	143,362	0	(143,362)	753,087	0	(753,087)
Videocassette Players	10,409	0	(10,409)	59,299	0	(59,299)
Laserdisc Players	15,175	6,452	(8,723)	91,820	40,803	(51,017)
Portable Audio Equipment	129,225	7,595	(121,630)	744,701	54,775	(689,925)
Separate Audio Components	278,720	82,448	(196,272)	1,474,444	585,689	(888,756)
Home Radios	13,869	717	(13,152)	79,686	2,631	(77,056)
Home Radio/Tape Combinations	107,263	3,888	(103,375)	567,780	28,127	(539,653)
Autosound Equipment	108,160	17,922	(90,238)	795,741	166,475	(629,266)
Blank Media	73,824	37,031	(36,794)	446,833	243,785	(203,048)
Video Games	111,198	25,109	(86,089)	724,050	159,141	(564,908)
Total	1,435,777	241,933	(1,193,844)	8,399,598	1,717,802	(6,681,795)

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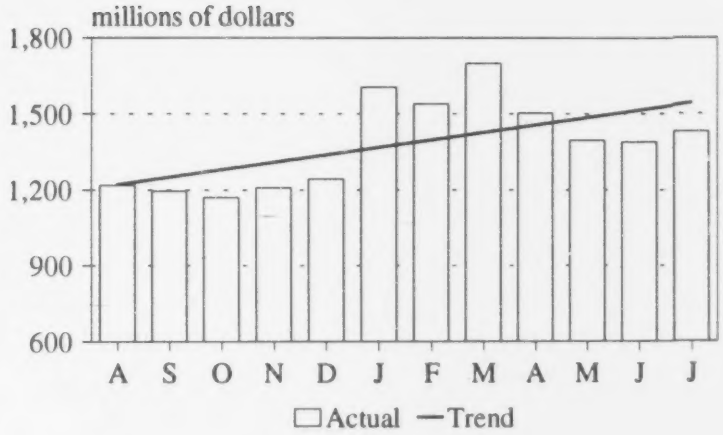
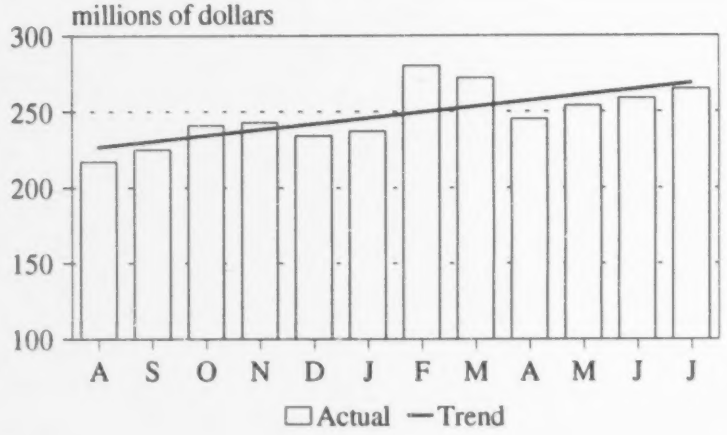
Consumer Electronics Trade Trends July 1992

(all data seasonally adjusted)

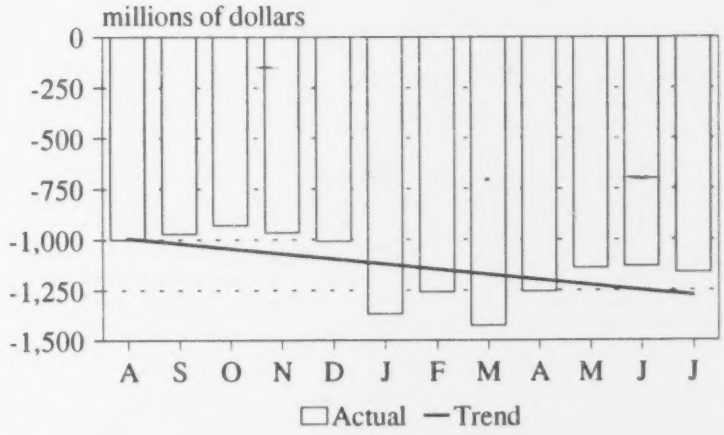
Imports



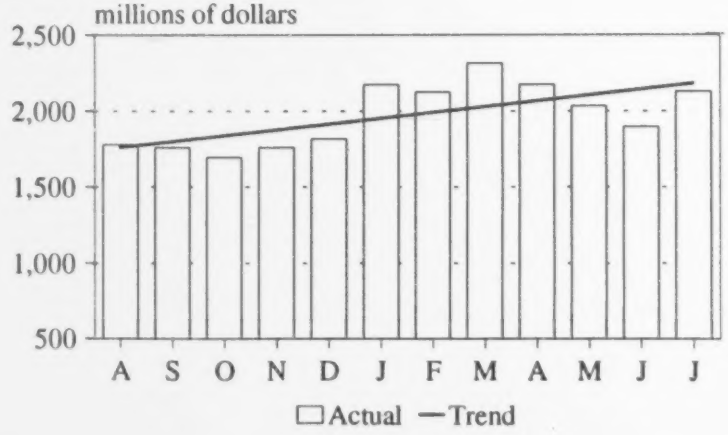
Exports



Balance of Trade



Consumption



Consumer Electronics Employment July 1992

(thousands of workers)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
PRODUCTION WORKERS	39.5	37.5	5.3%	39.3	0.5%
ALL EMPLOYEES	60.6	58.5	3.6%	60.5	0.2%
HOURLY WAGE INDEX	119.1	114.1	4.3%	118.1	0.8%
ANNUAL SALES/EMP	$166,330	$142,492	16.7%	$163,859	1.5%

Consumer Electronics Producer Price Indices August 1992

(12/90=100)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
COMPOSITE INDEX[8]	96.2	97.9	-1.7%	95.1	1.2%
Home Audio	90.9	91.0	-0.1%	86.1	5.6%
Portable Audio	93.5	101.1	-7.5%	94.2	-0.7%
Autosound	97.9	98.2	-0.3%	95.2	2.8%
Audio Systems	99.7	97.5	2.2%	95.7	4.1%
Color TV	96.3	97.6	-1.3%	96.4	-0.1%
Projection TV	94.7	100.7	-6.0%	94.2	0.5%
VCR Decks	100.0	98.3	1.7%	99.6	0.4%
Camcorders	87.2	93.7	-6.9%	88.6	-1.6%

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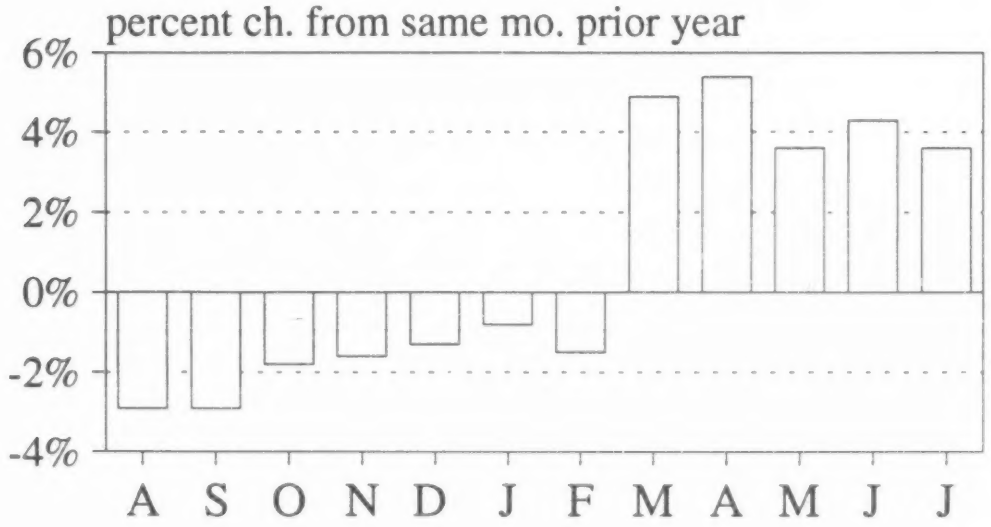
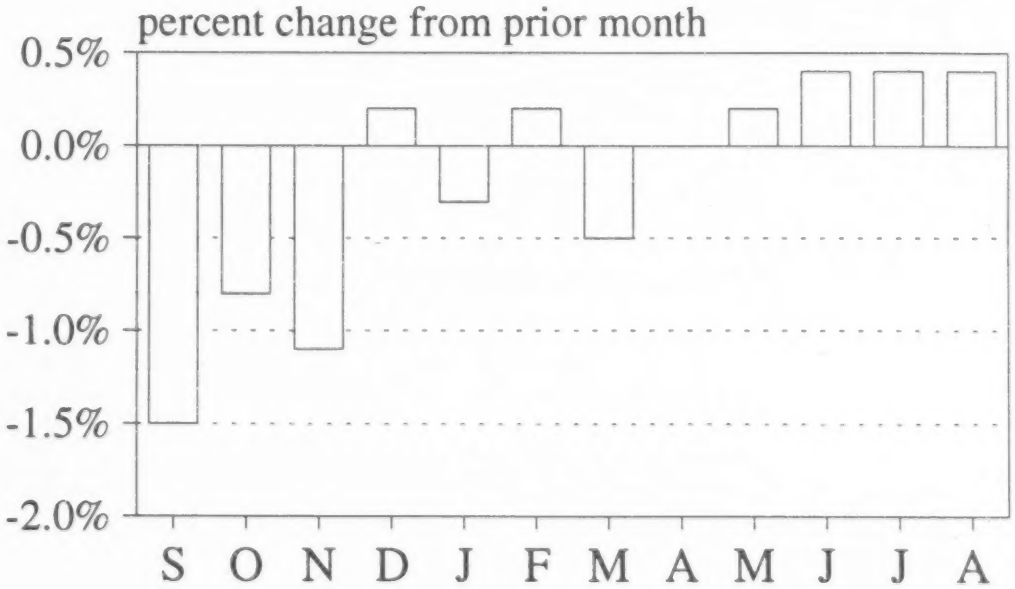
Consumer Electronics
All Employees July 1992



Consumer Electronics
Composite Price Index August 1992



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Telecommunications Equipment
U.S. Factory Data August 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	3,206	3,653	-12.2%	3,080	2,799	10.0%	24,669	22,238	10.9%
New Orders	3,191	3,700	-13.7%	2,995	2,429	23.3%	24,660	20,755	18.8%
Production	3,315	3,567	-7.1%	3,246	2,669	21.6%	24,993	22,899	9.1%
Inventory	7,432	7,323	1.5%	7,524	7,310	2.9%	NA	NA	
Unfilled Orders	12,299	12,314	-0.1%	12,265	12,475	-1.7%	NA	NA	
Book/Bill Ratio	1.00	1.01	-1.7%	0.97	0.87	12.0%	NA	NA	
Inv/Sales Ratio	2.32	2.00	15.6%	2.44	2.61	-6.5%	NA	NA	
Unf/Sales Ratio	3.84	3.37	13.8%	3.98	4.46	-10.6%	NA	NA	
Prod/Sales Ratio	1.03	0.98	5.9%	1.05	0.95	10.5%	NA	NA	

Telecommunications Equipment Economic Summary

Factory sales, and new orders both plunged in August, dropping 12.2% and 13.7%, respectively, from the prior month, virtually offsetting similar sized increases in July. Meaning the declines did little to offset the gains registered thus far this year.

Imports of telecommunications equipment fell 8.3% in July to $675 million, but remain nearly 12% ahead of last years pace through the first seven months of the year. Exports lost 6.1% from the prior month in July.

Employment in July fell 0.4% from the previous month, resulting in a 2.5% gain in sales/employee. The number of production workers fell 0.6% in same period of time.

The producer price index for telecommunications equipment continued to gain in August rising 0.2% from July.

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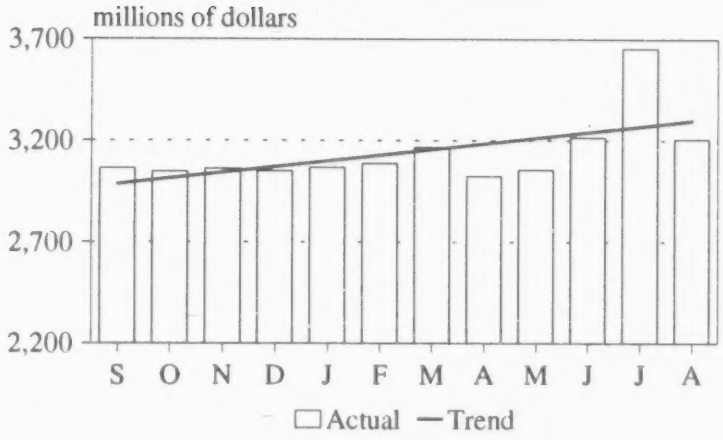
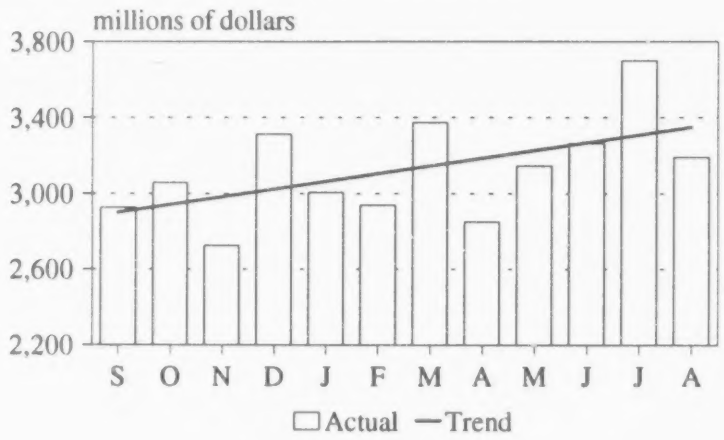
Telecommunications Equipment U.S Factory Trends August 1992

(all data seasonally adjusted)

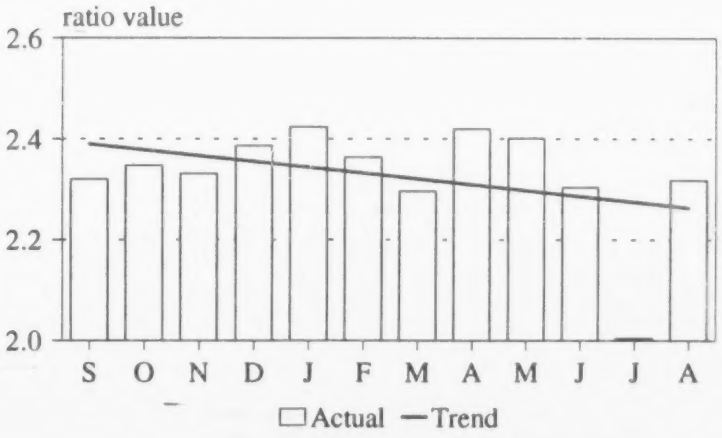
Factory Sales



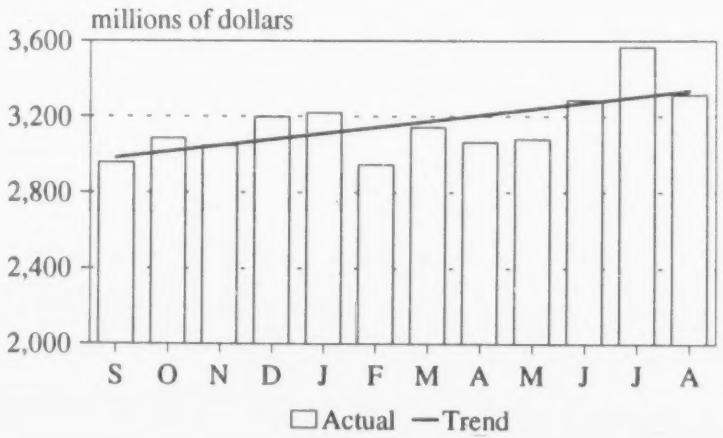
New Orders



Inventory/Sales Ratio



Production



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Telecommunications Foreign Trade Summary

Import/Export Summary July 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Imports	675	736	-8.3%	679	627	8.3%	4,548	4,065	11.9%
Exports	661	704	-6.1%	684	603	13.4%	4,622	4,246	8.9%
Balance	(14)	(32)	-56.3%	5	(24)	NA	74	181	-58.8%

Import/Export Country Summary July 1992
(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	1,645,101	36.2%	Canada	735,631	15.9%
Canada	546,581	12.0%	Mexico	627,376	13.6%
Malaysia	360,624	7.9%	Japan	322,567	7.0%
Taiwan	349,585	7.7%	U.K.	285,674	6.2%
China	289,660	6.4%	Taiwan	179,633	3.9%
Mexico	225,744	5.0%	Australia	171,489	3.7%
S. Korea	195,054	4.3%	Germany	169,097	3.7%
Thailand	165,452	3.6%	S. Korea	166,048	3.6%
Singapore	156,405	3.4%	Italy	126,642	2.7%
Phillipines	123,629	2.7%	Hong Kong	115,136	2.5%
Other	489,702	10.8%	Other	1,722,409	37.3%

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Import/Export Product Summary July 1992

(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Telephone Sets and Parts	83,696	17,630	(66,066)	589,354	140,564	(448,790)
Telephonic Apparatus/Parts	87,365	144,850	57,485	639,232	981,922	342,690
Telegraphic Apparatus/Parts	52,000	64,341	12,341	313,172	454,008	140,836
Radio Transmitters	5,590	24,006	18,416	31,722	167,749	136,027
Radio Receivers	19,854	18,837	(1,018)	117,842	143,877	26,035
Radio Transceivers	52,628	85,673	33,045	343,707	545,200	201,493
Telephone Answering Devices	26,076	9,382	(16,694)	165,543	74,665	(90,878)
TV Transmission/Reception App	122,689	175,919	53,230	863,487	1,132,465	268,978
Cellular Telephones	37,698	53,184	15,486	220,197	404,891	184,693
Facsimile Machines	79,808	0	(79,808)	523,800	0	(523,800)
Cordless Telephones	76,015	9,964	(66,051)	516,376	76,003	(440,373)
Modems	15,378	32,819	17,441	93,077	208,375	115,298
Paging Alert Devices	167	10	(157)	2,258	378	(1,880)
Fiber Optic Cable	6,420	14,325	7,905	31,329	87,039	55,709
Other Cable and Parts	13,633	32,815	19,182	96,440	204,568	108,128
Total	679,019	683,756	4,737	4,547,537	4,621,702	74,165

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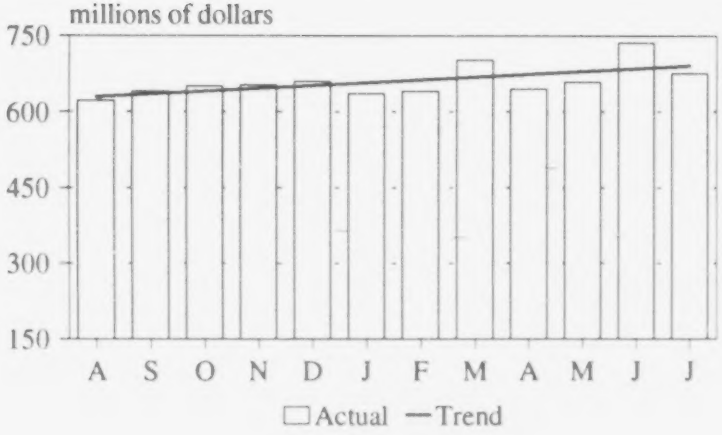
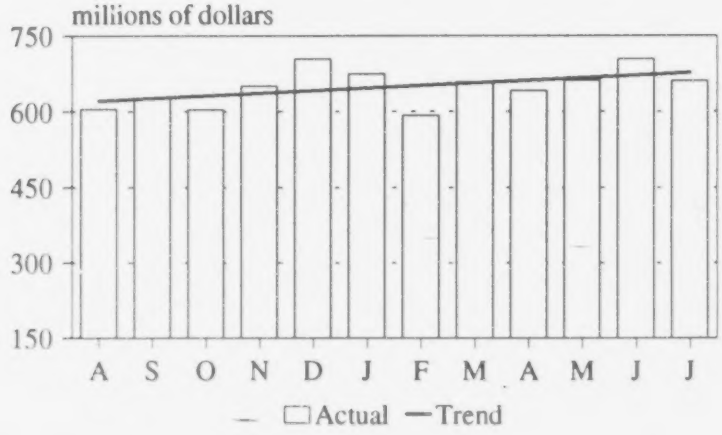
Telecommunications Trade Trends July 1992

(all data seasonally adjusted)

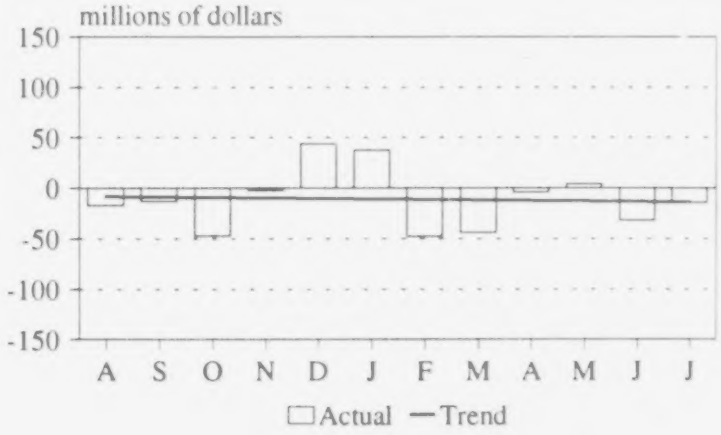
Imports



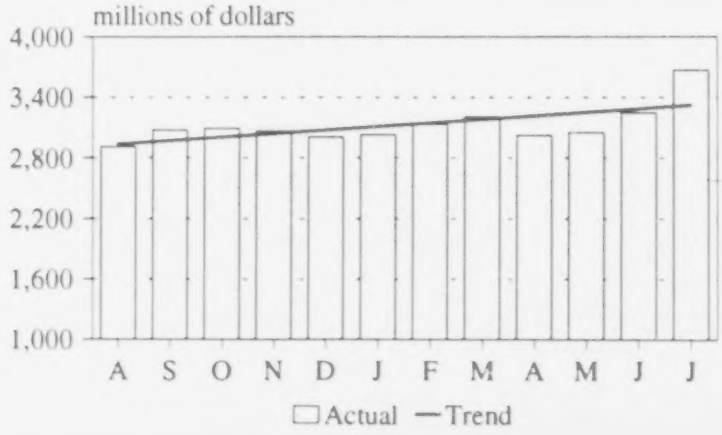
Exports



Balance of Trade



Consumption



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Telecommunications Equipment Employment July 1992

(thousands of workers)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
PRODUCTION WORKERS	119.7	130.2	-8.1%	120.4	-0.6%
Telephone Equip.	61.2	66.8	-8.4%	61.0	0.3%
Other	58.5	63.4	-7.7%	59.4	-1.5%
ALL EMPLOYEES	236.4	256.4	-7.8%	237.4	-0.4%
Telephone Equip.	111.7	122.2	-8.6%	111.8	-0.1%
Other	124.7	134.2	-7.1%	125.6	-0.7%
HOURLY WAGE INDEX	109.0	108.0	0.9%	109.6	-0.6%
ANNUAL SALES/EMP	$115,876	$100,651	15.1%	$113,059	2.5%

Telecommunications Equipment Producer Price Indices August 1992

(12/90=100)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
COMPOSITE INDEX	103.5	102.2	1.3%	103.3	0.2%
Line Transmission	98.6	98.3	0.3%	98.6	NA
Switching Equipment	104.6	103.4	1.2%	104.6	NA
Telephone Sets	94.2	95.1	-0.9%	93.5	0.7%
Other Telephone	103.0	102.9	0.1%	101.5	1.4%
Broadcast Equipment	103.7	101.4	2.2%	102.9	0.7%
Mobile Communications	104.5	102.8	1.7%	104.9	-0.4%
Intercom Systems	101.5	101.3	0.2%	101.5	NA
Fiber Optic Cable	103.9	103.9	NA	103.9	NA

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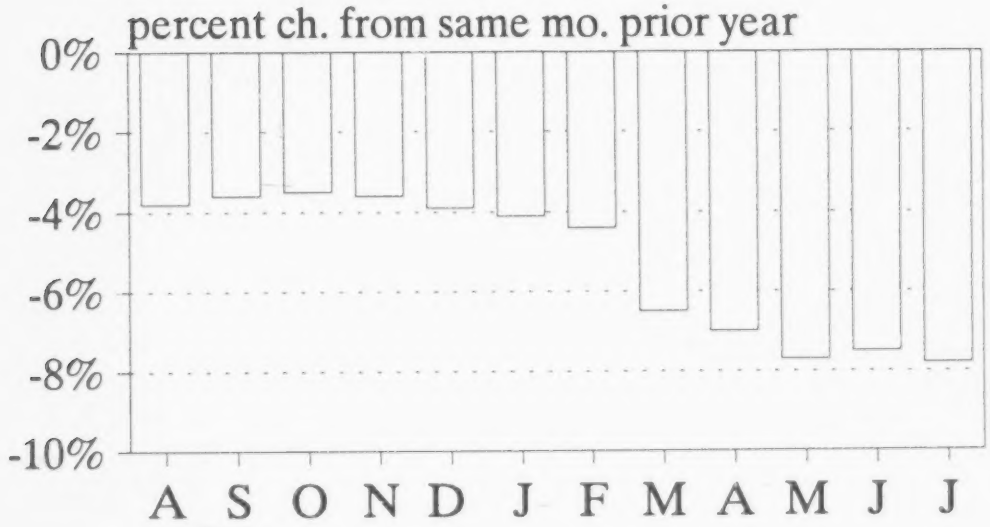
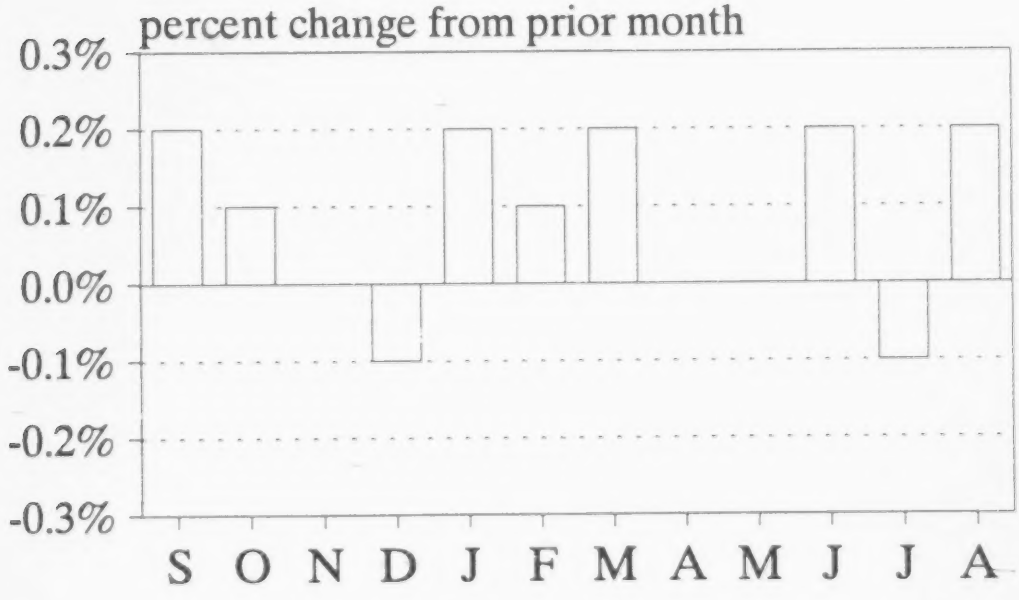
Telecommunications
All Employees July 1992



Telecommunications
Composite Price Index August 1992



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Other Specialized Communications
U.S. Factory Data August 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,387	2,436	-2.0%	2,332	2,934	-20.5%	19,102	20,716	-7.8%
New Orders	1,867	2,016	-7.4%	1,526	2,810	-45.7%	15,798	18,815	-16.0%
Production	2,290	2,398	-4.5%	2,257	2,985	-24.4%	18,712	20,663	-9.4%
Inventory	6,726	6,823	-1.4%	6,886	8,018	-14.1%	NA	NA	
Unfilled Orders	32,407	32,928	-1.6%	32,207	36,997	-12.9%	NA	NA	
Book/Bill Ratio	0.78	0.83	-5.5%	0.65	0.96	-31.6%	NA	NA	
Inv/Sales Ratio	2.82	2.80	0.6%	2.95	2.73	8.1%	NA	NA	
Unf/Sales Ratio	13.57	13.52	0.4%	13.81	12.61	9.5%	NA	NA	
Prod/Sales Ratio	0.96	0.98	-2.6%	0.97	1.02	-4.8%	NA	NA	

Other Specialized Communications Economic Summary

Factory sales of other specialized defense communications equipment continued to decline sharply in August, falling 2% from July, and 20.5% from the prior year. Through the first eight months of the year, sales have deteriorated 7.8% from the same period in 1991. New orders do not bode well for any near term pick-up in production as they fell 7.4% in August, and 16% in the year-to-date.

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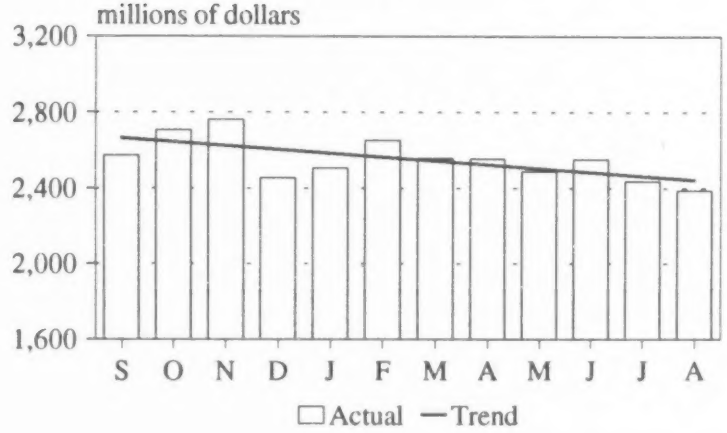
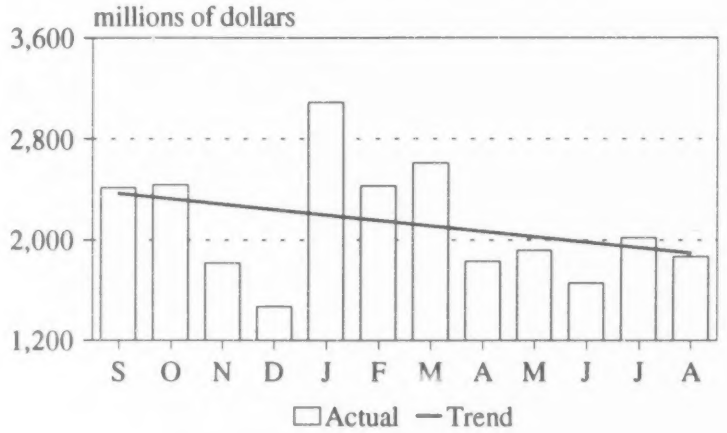
Other Communications U.S Factory Trends August 1992

(all data seasonally adjusted)

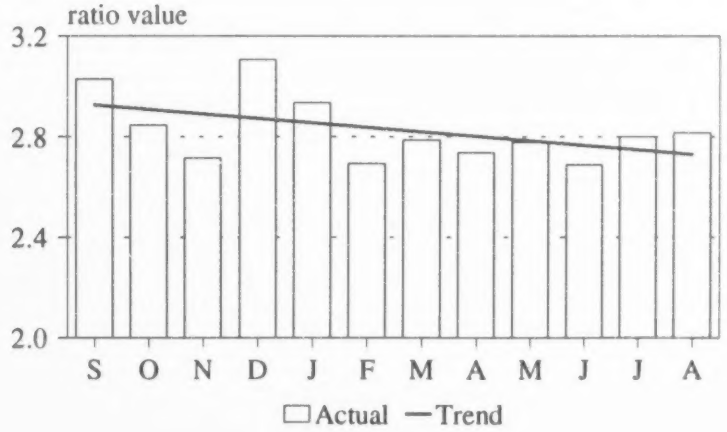
Factory Sales



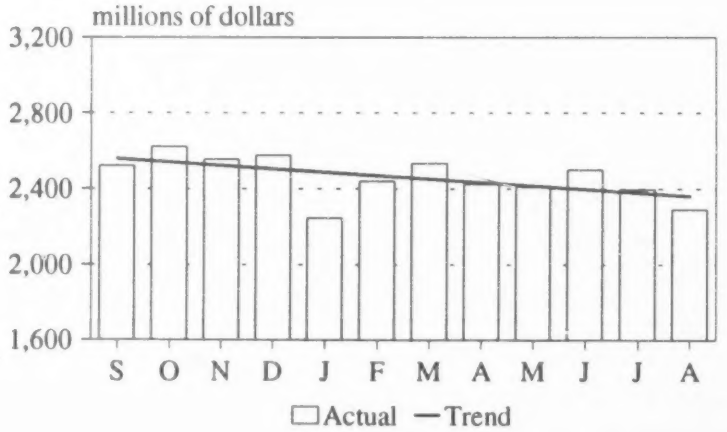
New Orders



Inventory/Sales Ratio



Production



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Other Specialized Communications Foreign Trade Summary

Import/Export Summary July 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Imports	90	129	-30.2%	93	98	-5.1%	639	600	6.5%
Exports	260	198	31.3%	260	224	16.1%	1,481	1,499	-1.2%
Balance	170	69	146.4%	167	126	32.5%	843	900	-6.4%

Import/Export Country Summary July 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Canada	115,290	18.3%	Japan	191,337	12.9%
Japan	85,250	13.5%	Canada	157,037	10.6%
U.K.	82,182	13.0%	France	113,608	7.7%
France	66,524	10.5%	U.K.	112,130	7.6%
Taiwan	59,514	9.4%	Egypt	84,261	5.7%
Mexico	51,945	8.2%	Netherlands	83,858	5.7%
Germany	36,688	5.8%	Taiwan	75,862	5.1%
S. Korea	26,775	4.2%	Switzerland	50,530	3.4%
China	22,724	3.6%	S. Korea	49,556	3.3%
Israel	22,620	3.6%	Israel	48,841	3.3%
Other	61,142	9.7%	Other	514,020	34.7%

Import/Export Product Summary July 1992

(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Smoke Detectors/Other Alarms	22,462	14,948	(7,514)	130,659	105,437	(25,222)
Sound/Sight Signaling App	1,800	6,367	4,568	7,481	37,262	29,781
Radar/Radio Navigational App	67,391	236,789	169,397	484,521	1,326,184	841,663
Meteorological/Geophysical App.	938	1,687	749	7,992	12,157	4,164
Total	92,591	259,791	167,200	630,654	1,481,040	850,386

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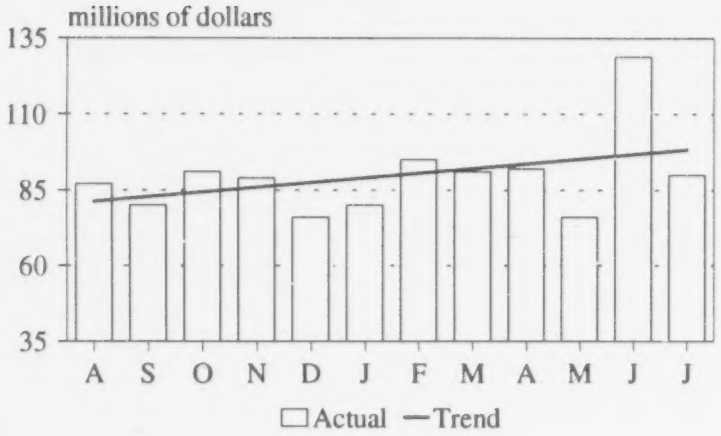
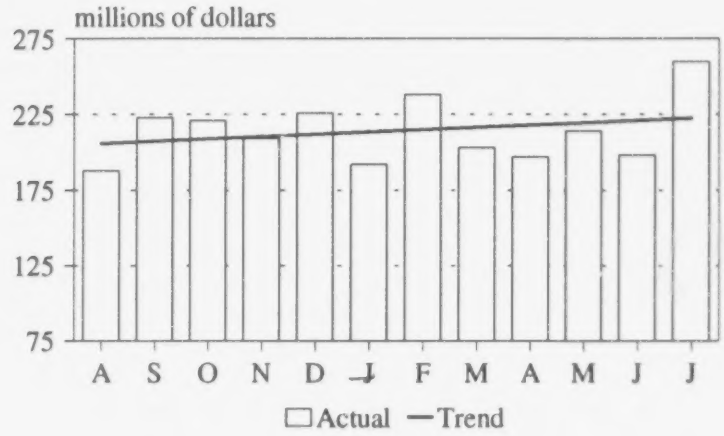
Other Communications Trade Trends July 1992

(all data seasonally adjusted)

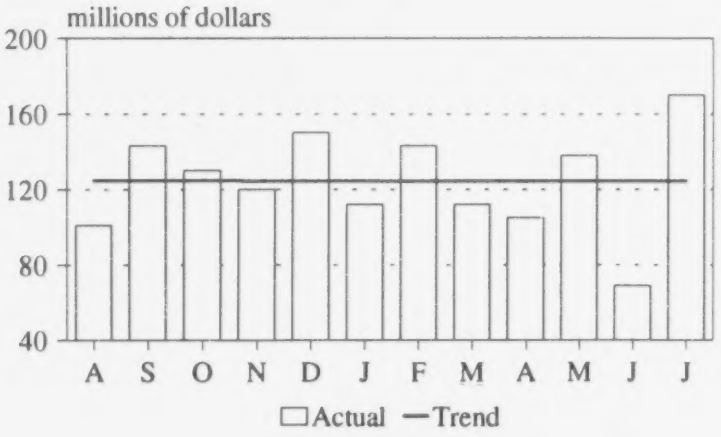
Imports



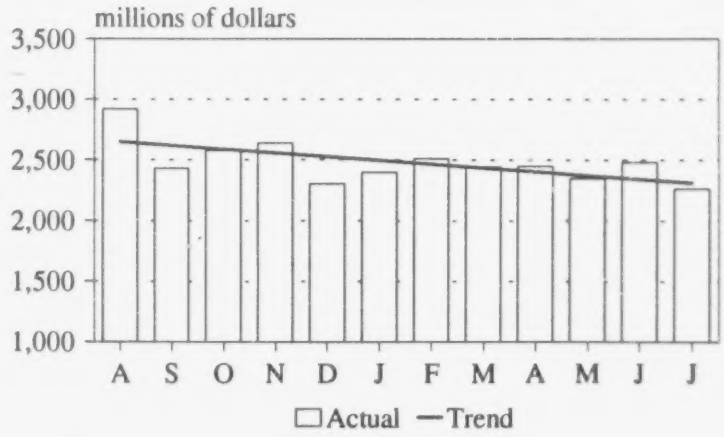
Exports



Balance of Trade



Consumption



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Other Specialized Communications Employment July 1992

(thousands of workers)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
PRODUCTION WORKERS	74.4	81.1	-8.3%	75.4	-1.3%
ALL EMPLOYEES	236.9	259.8	-8.8%	239.9	-1.3%
HOURLY WAGE INDEX	118.8	116.8	1.7%	118.7	0.1%
ANNUAL SALES/EMP	$125,856	$121,984	3.2%	$125,465	0.3%

Other Specialized Communications Producer Price Indices August 1992

(12/90=100)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
COMPOSITE INDEX	98.9	99.8	-1.0%	98.8	0.1%
Navigation Systems	101.9	102.1	-0.2%	101.5	0.4%
Radar Equipment	101.3	99.2	2.2%	101.3	0.1%
Defense Electronics	95.3	99.7	-4.5%	95.3	NA

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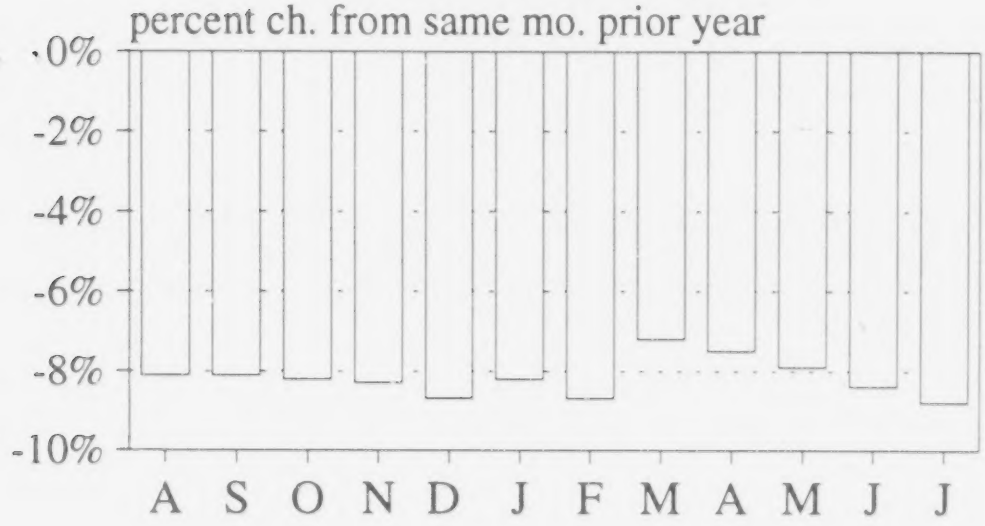
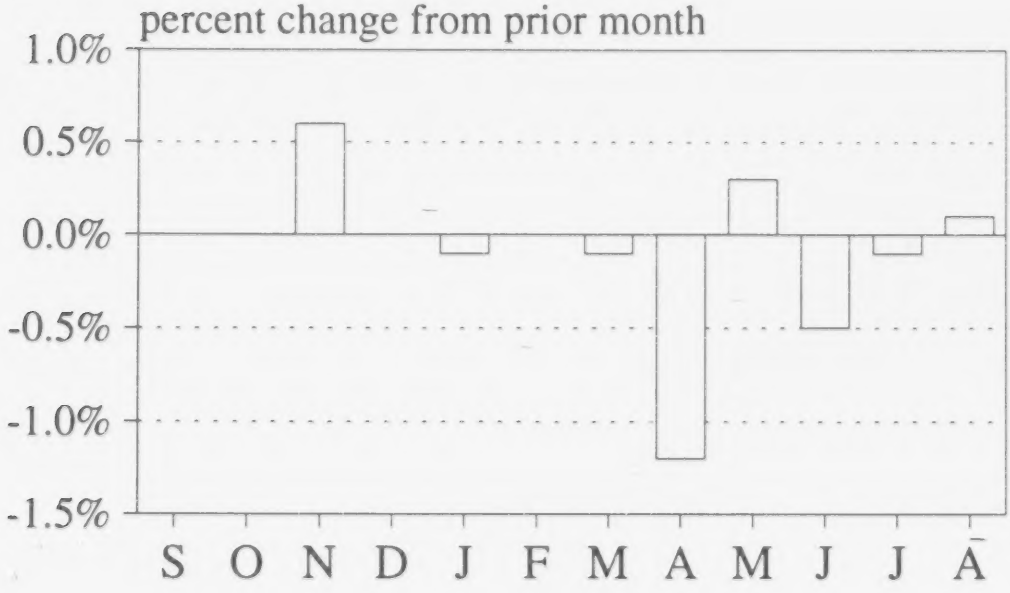
Other Communications
All Employees July 1992



Other Communications
Composite Price Index August 1992



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Computers & Peripherals
U.S. Factory Data August 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	4,964	5,128	-3.2%	4,369	3,849	13.5%	36,534	32,205	13.4%
New Orders	5,007	4,819	3.9%	4,497	3,863	16.4%	35,666	32,769	8.8%
Production	5,106	5,085	0.4%	4,671	3,821	22.2%	36,912	32,276	14.4%
Inventory	7,972	7,830	1.8%	8,219	8,693	-5.5%	NA	NA	
Unfilled Orders	6,627	6,584	0.6%	6,819	9,301	-26.7%	NA	NA	
Book/Bill Ratio	1.01	0.94	7.3%	1.03	1.00	2.6%	NA	NA	
Inv/Sales Ratio	1.61	1.53	5.2%	1.88	2.26	-16.7%	NA	NA	
Unf/Sales Ratio	1.33	1.28	4.0%	1.56	2.42	-35.4%	NA	NA	
Prod/Sales Ratio	1.03	0.99	3.7%	1.07	0.99	7.7%	NA	NA	

Computer & Peripheral Economic Summary

The computers & peripherals industry was the only major sector to post a gain in new orders in August. Seasonally adjusted new orders rose nearly 4% in the month, and have gained 8.8% in the year-to-date. Factory sales, though, took a breather in August from the frenetic pace they have set so far in 1992, dropping 3.2% from record high sales in July.

Imports and exports of computers & peripherals also saw some retrenching in the latest months figures, falling 2.7% and 7.9%, respectively, from the prior month. Despite severe price cutting and slow foreign markets, the U.S. maintained a trade surplus in computers of $2.4 billion through the first seven months of the year.

Increased sales may be translating into increased employment. The number of production workers rose 1.6% in July from the prior month, while all employees rose 0.4%.

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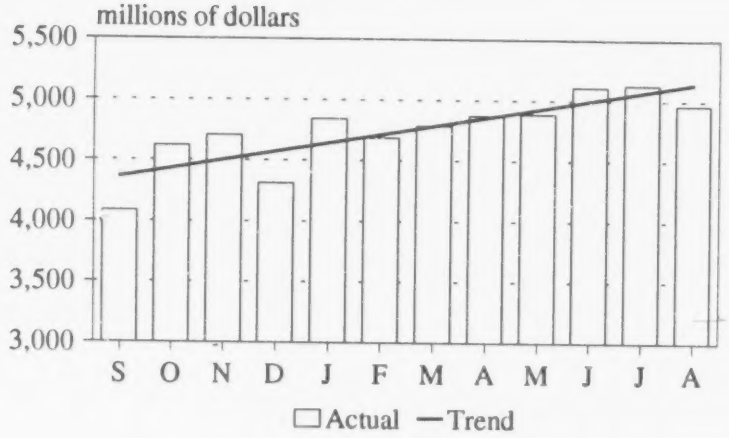
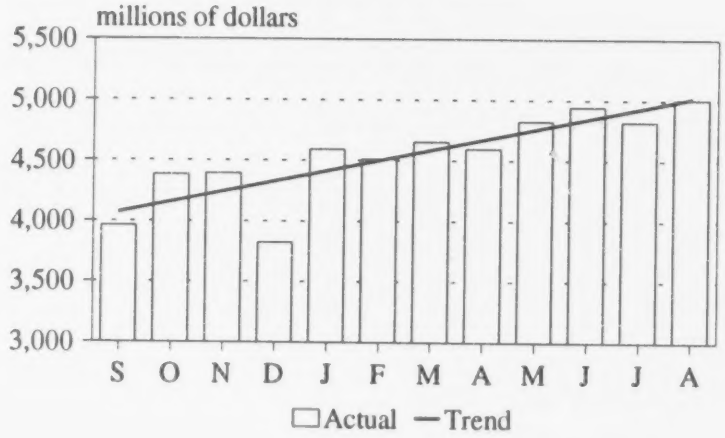
Computers & Peripherals U.S Factory Trends August 1992

(all data seasonally adjusted)

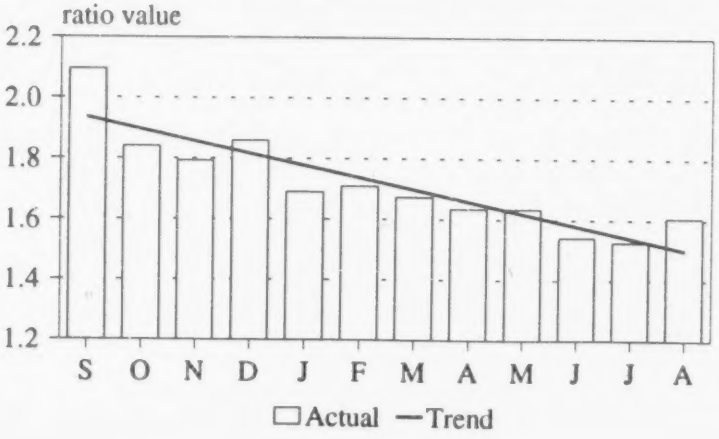
Factory Sales



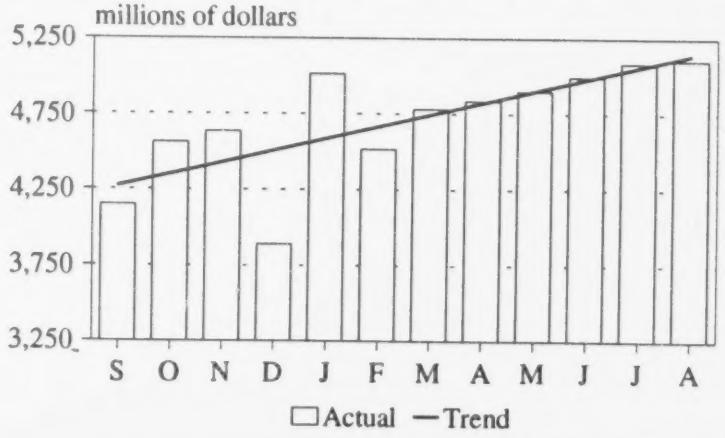
New Orders



Inventory/Sales Ratio



Production



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Computer & Peripheral Foreign Trade Summary

Import/Export Summary July 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Imports	2,730	2,806	-2.7%	2,729	2,282	19.6%	17,232	14,732	17.0%
Exports	2,429	2,636	-7.9%	2,234	2,153	3.8%	17,141	16,738	2.4%
Balance	(301)	(170)	77.1%	(495)	(129)	NA	(91)	2,006	NA

Import/Export Country Summary July 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	6,109,032	35.6%	Canada	2,642,456	15.4%
Singapore	2,837,130	16.6%	Japan	2,118,952	12.4%
Taiwan	2,374,543	13.9%	U.K.	1,732,000	10.1%
Canada	1,203,909	7.0%	Germany	1,647,248	9.6%
S. Korea	751,881	4.4%	Netherlands	1,076,021	6.3%
U.K.	600,634	3.5%	Singapore	828,402	4.8%
Mexico	499,106	2.9%	France	825,830	4.8%
Malaysia	462,400	2.7%	Mexico	646,793	3.8%
Thailand	386,130	2.3%	Australia	615,375	3.6%
Hong Kong	373,332	2.2%	Taiwan	372,677	2.2%
Other	1,542,617	9.0%	Other	4,634,960	27.0%

Import/Export Product Summary July 1992

(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Computers	382,446	635,306	252,859	2,405,987	4,819,922	2,413,935
Monitors	364,909	58,967	(305,942)	2,091,813	418,510	(1,673,303)
Disk Drives/Blank Media	797,989	426,645	(371,344)	4,927,991	3,273,947	(1,654,044)
Printers	251,886	94,350	(157,537)	1,669,899	761,942	(907,958)
Other Computer Peripherals	70,838	80,640	9,802	446,784	699,428	252,645
Other Business Machines/Parts	861,092	937,611	76,519	5,690,544	7,166,965	1,476,421
Total	2,729,160	2,233,518	(495,642)	17,233,019	17,140,714	(92,305)

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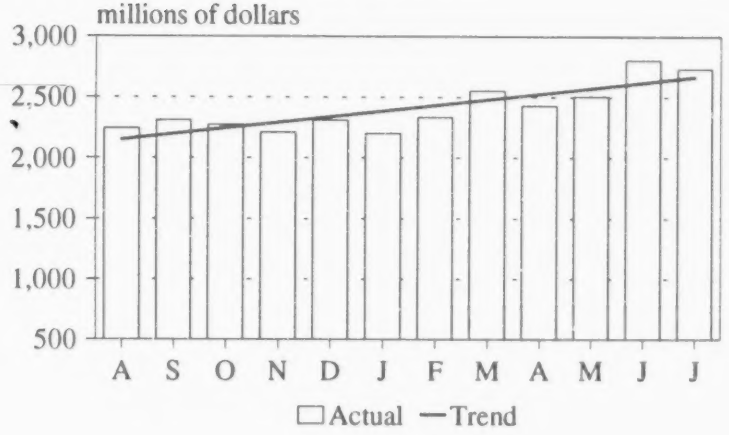
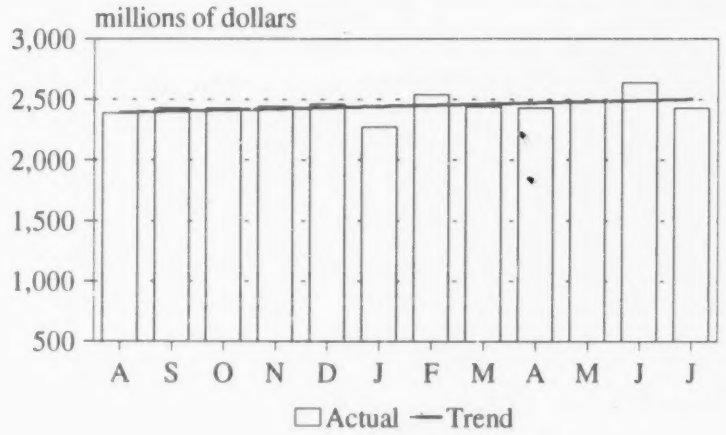
Computers & Peripherals Trade Trends July 1992

(all data seasonally adjusted)

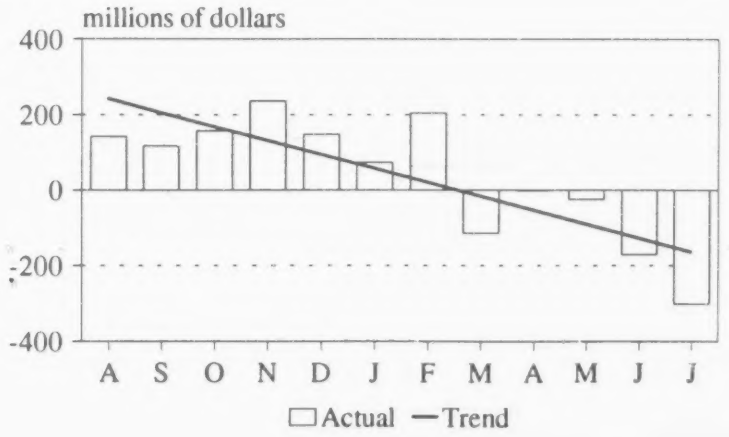
Imports



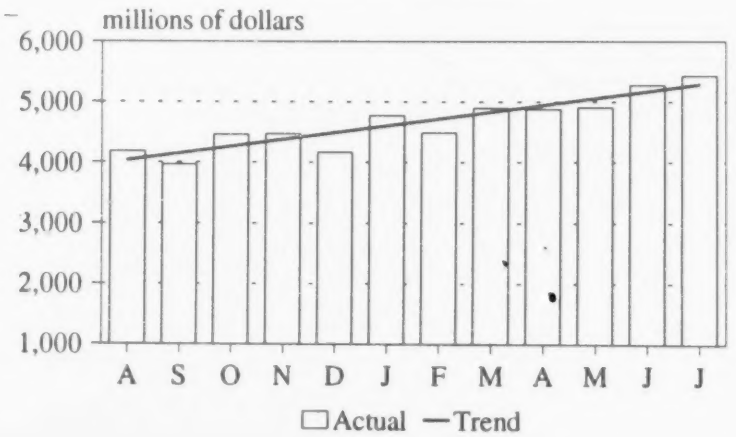
Exports



Balance of Trade



Consumption



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Computer & Peripheral Employment July 1992

(thousands of workers)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
PRODUCTION WORKERS	131.5	139.8	-5.9%	129.4	1.6%
Computers	61.5	69.0	-10.9%	61.5	NA
Other	70.0	70.8	-1.1%	67.9	3.1%
ALL EMPLOYEES	398.4	425.5	-6.4%	396.8	0.4%
Computers	242.5	264.7	-8.4%	242.8	-0.1%
Other	155.9	160.8	-3.0%	154.0	1.2%
HOURLY WAGE INDEX	117.4	117.2	0.2%	113.1	3.8%
ANNUAL SALES/EMP	$116,456	$102,330	13.8%	$114,082	2.1%

Computer & Peripheral Producer Price Indices August 1992

(12/90=100)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
COMPOSITE INDEX	74.5	81.5	-8.6%	74.6	-0.1%
16-bit Computers	74.1	75.1	-1.3%	74.1	NA
32-bit Computers	66.5	81.7	-18.6%	66.8	-0.4%
Hard Disks	102.5	99.6	2.9%	102.5	NA
Floppy Diskettes	94.0	99.1	-5.1%	93.6	0.4%

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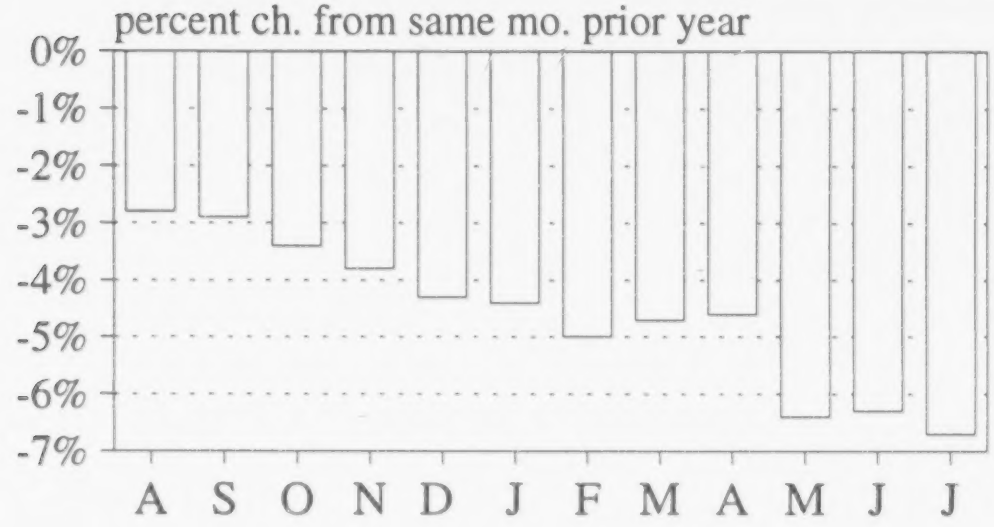
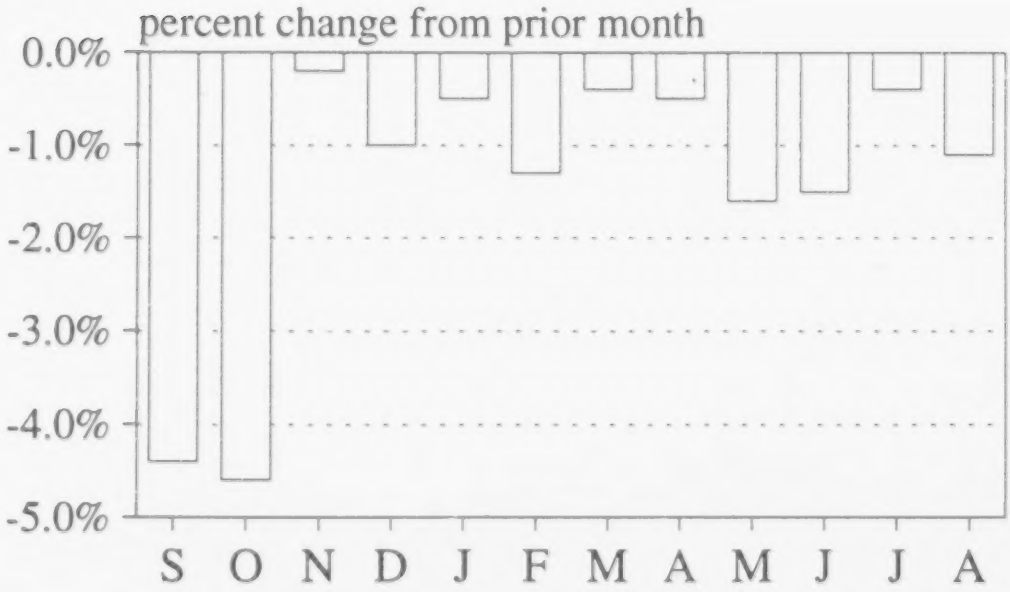
Computers & Peripherals
All Employees July 1992



Computers & Peripherals
Composite Price Index August 1992



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Industrial Electronics
U.S. Factory Data August 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	2,075	2,089	-0.7%	2,033	1,988	2.3%	16,147	15,809	2.1%
New Orders	2,082	2,147	-3.0%	2,498	1,926	29.7%	18,085	15,760	14.8%
Production	2,077	2,067	0.5%	1,954	1,991	-1.8%	14,963	15,719	-4.8%
Inventory	4,492	4,490	NA	3,220	4,639	-30.6%	NA	NA	
Unfilled Orders	5,214	5,252	-0.7%	3,585	5,502	-34.8%	NA	NA	
Book/Bill Ratio	1.00	1.03	-2.4%	1.23	0.97	26.8%	NA	NA	
Inv/Sales Ratio	2.17	2.15	0.7%	1.58	2.33	-32.2%	NA	NA	
Unf/Sales Ratio	2.51	2.51	NA	1.76	2.77	-36.3%	NA	NA	
Prod/Sales Ratio	1.00	0.99	1.1%	0.96	1.00	-4.0%	NA	NA	

Industrial Electronics Economic Summary

Sales activity in this industry continued to show a general malaise in August as sales fell 0.7% from the prior month, while new orders tumbled 3%. In the year-to-date sales have gained 2.1%, while new orders were up 14.8%.

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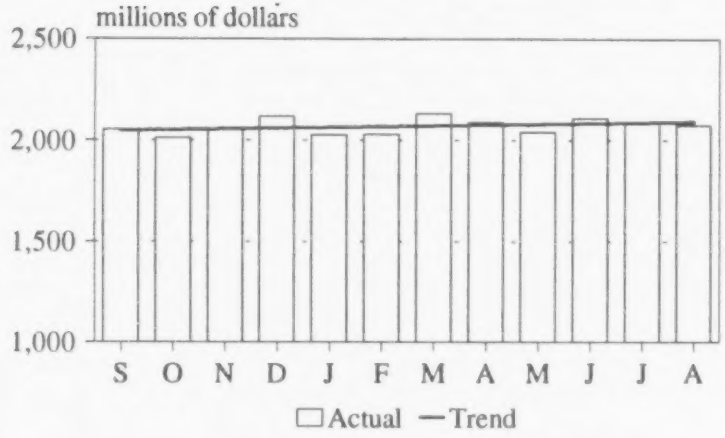
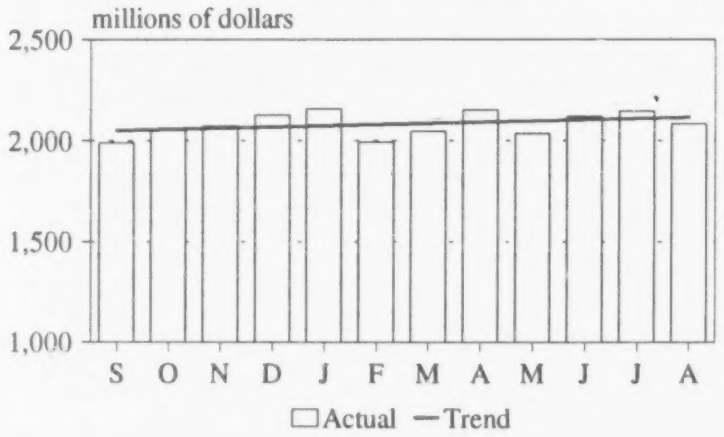
Industrial Electronics U.S Factory Trends August 1992

(all data seasonally adjusted)

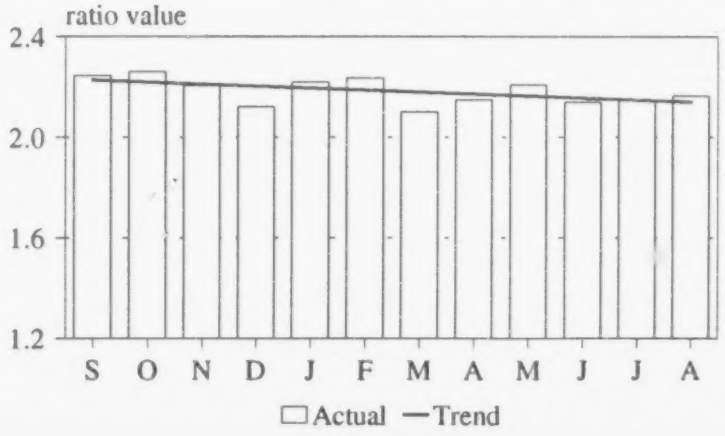
Factory Sales



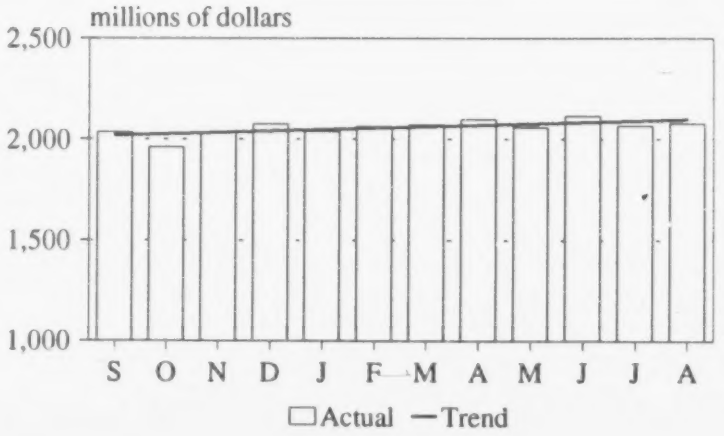
New Orders



Inventory/Sales Ratio



Production



Industrial Electronics Foreign Trade Summary

Import/Export Summary July 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Imports	269	285	-5.6%	273	228	19.7%	1,674	1,725	-2.9%
Exports	616	696	-11.5%	609	586	3.9%	4,345	4,454	-2.5%
Balance	347	411	-15.6%	336	358	-6.1%	2,671	2,729	-2.2%

Import/Export Country Summary July 1992

(not seasonally adj thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	444,503	24.8%	Japan	586,906	13.3%
Canada	233,319	13.0%	Canada	584,685	13.2%
U.K.	203,318	11.3%	Germany	347,757	7.9%
Germany	199,876	11.1%	S. Korea	310,756	7.0%
Mexico	105,897	5.9%	U.K.	297,484	6.7%
France	64,913	3.6%	Mexico	270,435	6.1%
Switzwerland	45,793	2.6%	France	230,847	5.2%
Netherlands	45,786	2.5%	Taiwan	190,528	4.3%
Taiwan	36,672	2.0%	Italy	147,764	3.3%
Sweden	34,196	1.9%	Singapore	121,356	2.7%
Other	381,284	21.2%	Other	1,325,625	30.0%

Import/Export Product Summary July 1992

(not seasonally adj thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Industrial Robots	8,661	4,759	(3,902)	73,234	44,387	(28,848)
Testing/Analyzing Equipment	49,709	167,031	117,322	319,976	1,207,010	887,034
Measuring/Analyzing Equipment	75,446	191,126	115,680	465,631	1,429,848	964,217
Process/Control Devices	19,391	56,368	36,977	204,407	385,530	181,123
Other Electronic Machinery	119,651	190,080	70,429	732,309	1,347,367	615,058
Total	272,858	609,364	336,506	1,795,557	4,414,143	2,618,585

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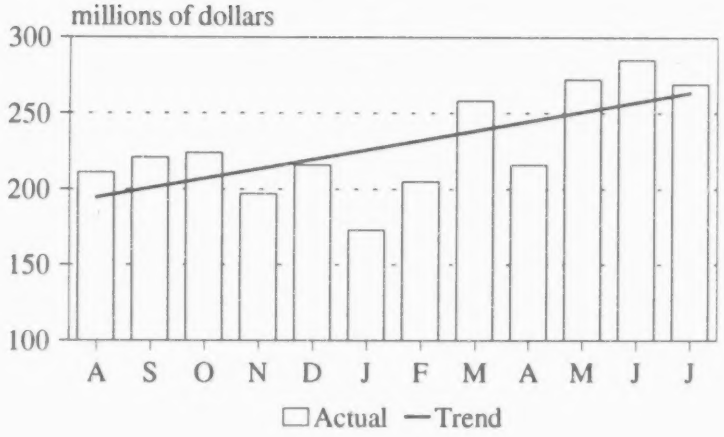
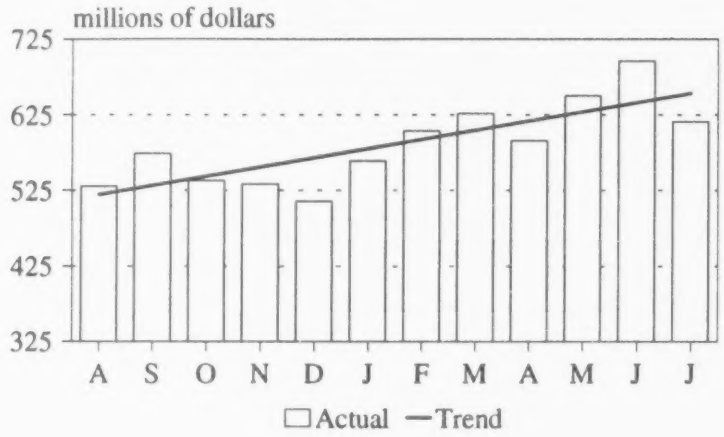
Industrial Electronics Trade Trends July 1992

(all data seasonally adjusted)

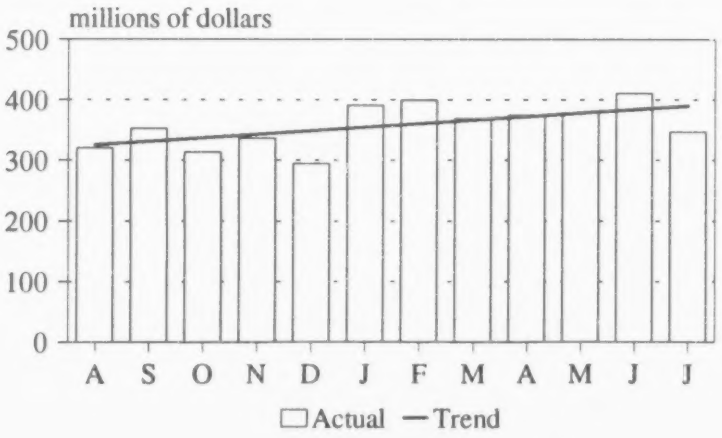
Imports



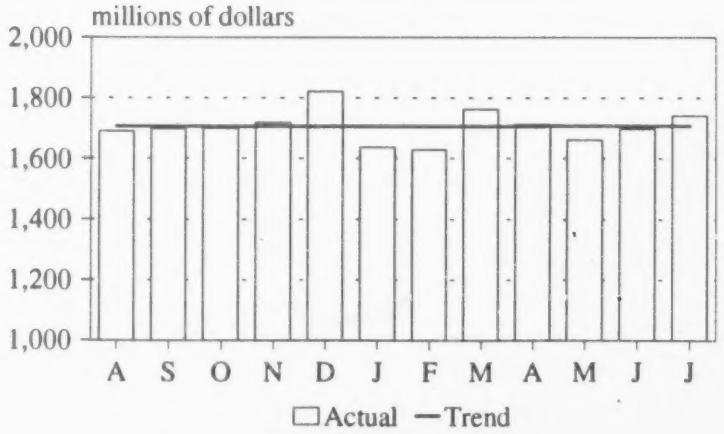
Exports



Balance of Trade



Consumption



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Industrial Electronics Employment July 1992

(thousands of workers)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
PRODUCTION WORKERS	118.4	131.5	-10.0%	119.2	-0.7%
Process Controls	28.0	32.5	-13.8%	28.5	-1.8%
Testing/Measuring	39.4	43.5	-9.4%	39.4	NA
Other	51.0	55.5	-8.1%	51.3	-0.6%
ALL EMPLOYEES	233.3	250.6	-6.9%	234.4	-0.5%
Process Controls	58.6	64.4	-9.0%	59.2	-1.0%
Testing/Measuring	80.1	86.4	-7.3%	80.3	-0.2%
Other	94.6	99.8	-5.2%	94.9	-0.3%
HOURLY WAGE INDEX	116.4	113.0	3.0%	115.2	1.1%
ANNUAL SALES/EMP	$102,555	$95,129	7.8%	$101,630	0.9%

Industrial Electronics Producer Price Indices August 1992

(12/90=100)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
COMPOSITE INDEX	102.9	102.2	0.7%	103.2	-0.3%
Testing/Measuring	101.9	102.0	-0.1%	102.6	-0.7%
Nuclear Radiation	103.7	101.5	2.2%	103.7	NA
Process Controls	102.8	100.0	2.8%	102.7	0.1%
Other Equipment	104.5	104.3	0.2%	104.5	NA

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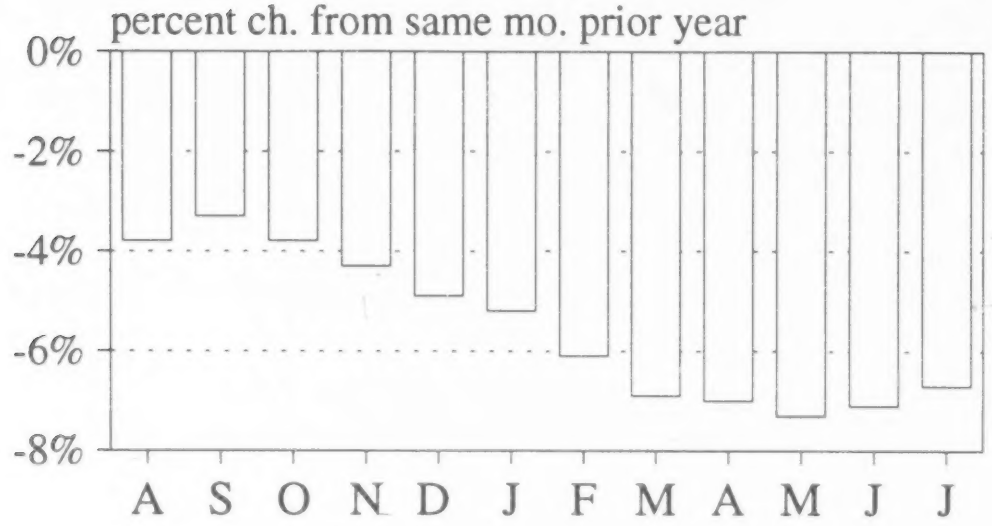
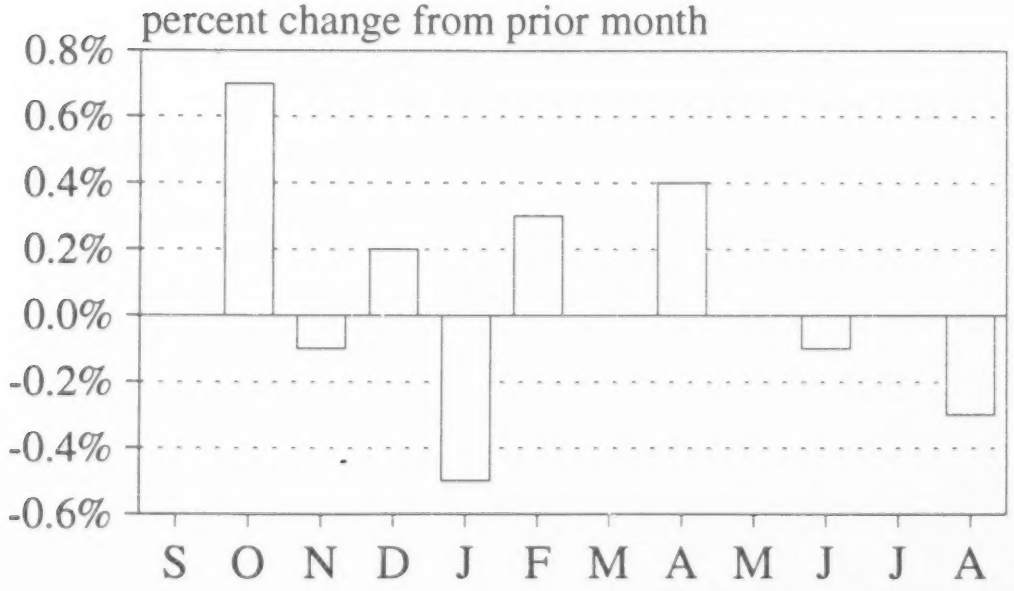
Industrial Electronics
All Employees July 1992



Industrial Electronics
Composite Price Index August 1992



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Electromedical Equipment
U.S. Factory Data August 1992
(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted			Year-to-Date		
	Aug 92	Jul 92	% ch.	Aug 92	Aug 91	% ch.	YTD 92	YTD 91	% ch.
Factory Sales	632	638	-1.0%	617	608	1.5%	5,125	4,932	3.9%
New Orders	743	649	14.6%	728	611	19.2%	5,113	4,838	5.7%
Production	647	654	-1.1%	628	608	3.3%	5,199	4,978	4.4%
Inventory	1,418	1,402	1.1%	1,412	1,340	5.3%	NA	NA	
Unfilled Orders	1,832	1,721	6.5%	1,832	1,913	-4.2%	NA	NA	
Book/Bill Ratio	1.18	1.02	15.7%	1.18	1.00	17.5%	NA	NA	
Inv/Sales Ratio	2.24	2.20	2.1%	2.29	2.21	3.8%	NA	NA	
Unf/Sales Ratio	2.90	2.70	7.5%	2.97	3.15	-5.7%	NA	NA	
Prod/Sales Ratio	1.02	1.03	-0.1%	1.02	1.00	1.7%	NA	NA	

Electromedical Equipment Economic Summary

New orders of electromedical equipment took a significant jump in August rising 14.6% from the prior month, pushing the gain in the year-to-date to 5.7%. At the same time factory sales declined 1% in August.

Exports rose 3.2% from the previous month in July to $288 million, and have gained 12.7% in the year-to-date, while imports posted a decline of 0.5%.

Total employment in July was up 3.9% from the prior year, and wages were up 5.2%.

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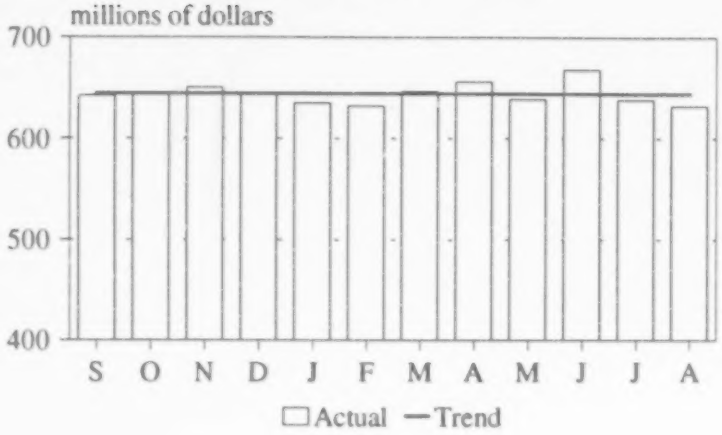
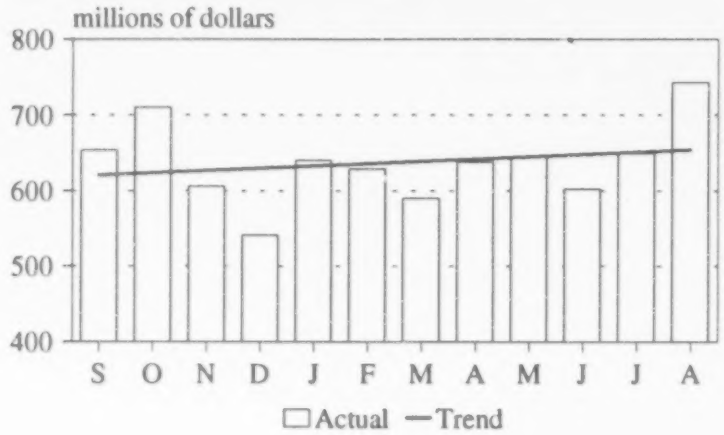
Electromedical Equipment U.S Factory Trends August 1992

(all data seasonally adjusted)

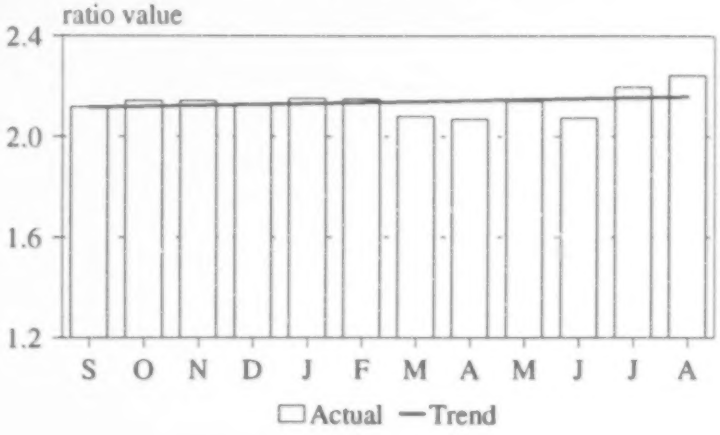
Factory Sales



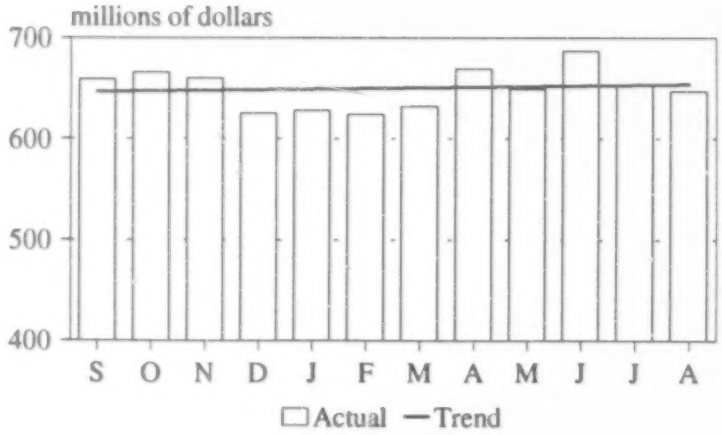
New Orders



Inventory/Sales Ratio



Production



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Electromedical Equipment Foreign Trade Summary

Import/Export Summary July 1992

(millions of dollars)

	Seasonally Adjusted			Not Seasonally Adjusted					
	Jul 92	Jun 92	% ch.	Jul 92	Jul 91	% ch.	YTD 92	YTD 91	% ch.
Imports	184	185	-0.5%	202	215	-6.0%	1,279	1,296	-1.3%
Exports	288	279	3.2%	278	240	15.8%	1,952	1,732	12.7%
Balance	104	94	10.6%	76	25	NA	673	435	54.5%

Import/Export Country Summary July 1992

(not seasonally adjusted thousands of dollars)

IMPORTS	YTD	% of Tot	EXPORTS	YTD	% of Tot
Japan	399,868	31.2%	Germany	53,139	2.7%
Germany	389,484	30.4%	Japan	22,990	1.2%
Netherlands	93,450	7.3%	Canada	143,556	7.4%
France	80,728	6.3%	Netherlands	131,481	6.7%
Mexico	59,229	4.6%	U.K.	25,876	1.3%
U.K.	47,270	3.7%	France	47,937	2.5%
Ireland	21,271	1.7%	Italy	2,165	0.1%
Israel	19,189	1.5%	Mexico	84,878	4.3%
Italy	17,730	1.4%	Australia	3,785	0.2%
Canada	17,584	1.4%	Sweden	4,972	0.3%
Other	133,838	10.5%	Other	1,430,779	73.3%

Import/Export Product Summary July 1992

(not seasonally adjusted thousands of dollars)

	Month			Year-to-Date		
	Imports	Exports	Balance	Imports	Exports	Balance
Diagnostic/Monitoring Equipment	112,206	199,543	87,337	716,310	1,449,119	732,809
X-Ray and Related Equipment	90,046	78,137	(11,909)	563,331	502,438	(60,893)
Total	202,252	277,679	75,428	1,279,641	1,951,558	671,916

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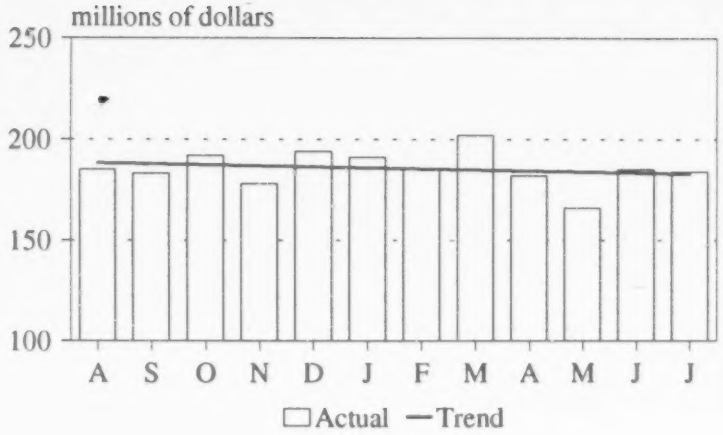
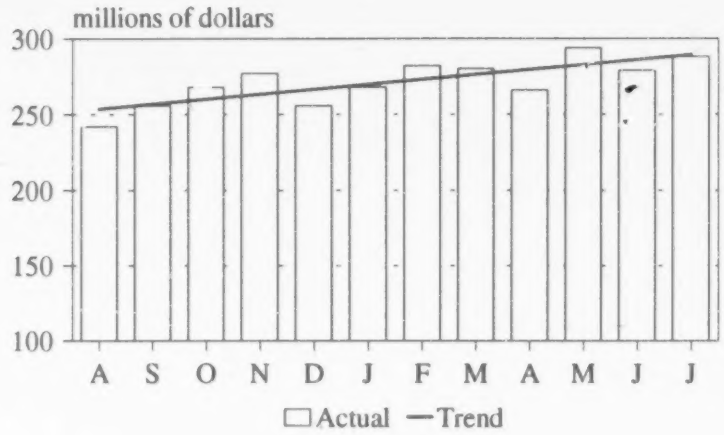
Electromedical Equipment Trade Trends July 1992

(all data seasonally adjusted)

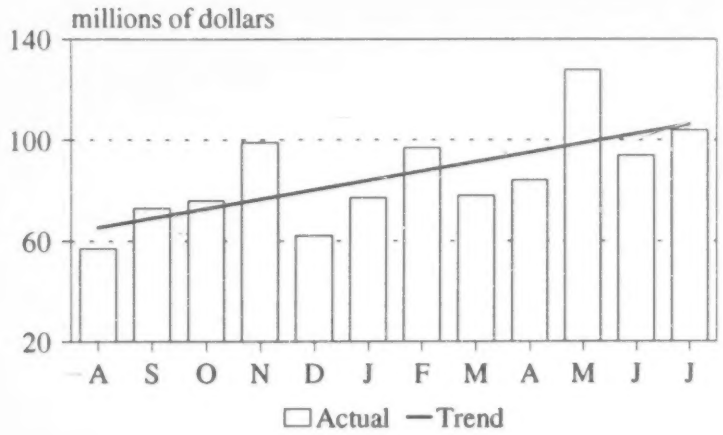
Imports



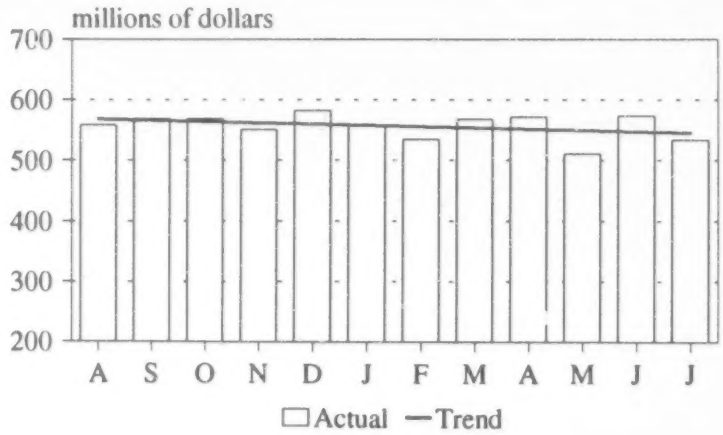
Exports



Balance of Trade



Consumption



Electromedical Equipment Employment July 1992

(thousands of workers)

	Not Seasonally Adj				
	Jul 92	Jul 91	% ch.	Jun 92	% ch.
PRODUCTION WORKERS	18.1	17.5	3.4%	18.3	-1.1%
ALL EMPLOYEES	45.4	43.7	3.9%	45.5	-0.2%
HOURLY WAGE INDEX	120.9	114.9	5.2%	120.9	NA
ANNUAL SALES/EMP	$173,089	$174,980	-1.1%	$173,560	-0.3%

Electromedical Equipment Producer Price Indices August 1992

(12/90=100)

	Not Seasonally Adj				
	Aug 92	Aug 91	% ch.	Jul 92	% ch.
COMPOSITE INDEX	102.4	101.0	1.4%	102.8	-0.4%
Irradiation Equipment	100.6	101.1	-0.5%	102.1	-1.5%
Diagnostic/Monitoring	103.3	100.9	2.4%	103.3	NA
Electrotherapeutic	102.3	101.0	1.3%	102.3	NA

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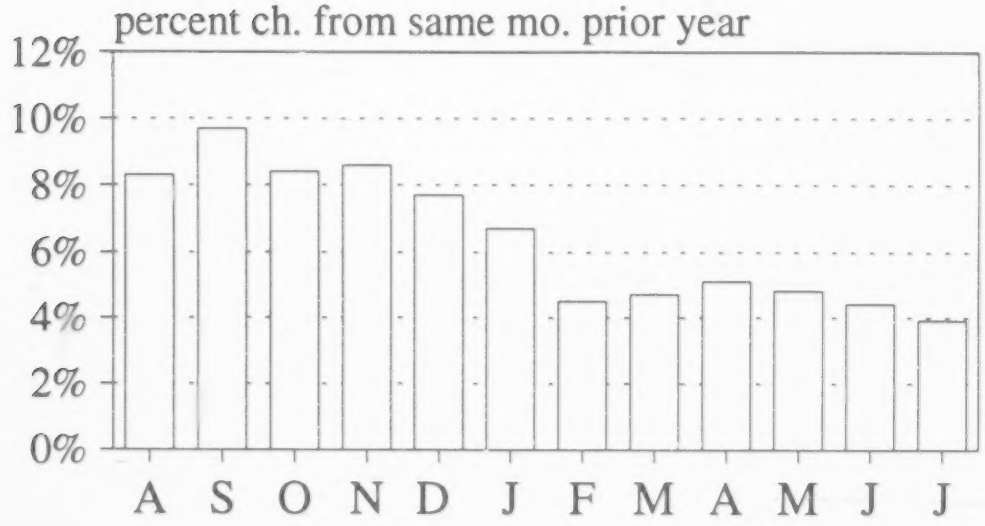
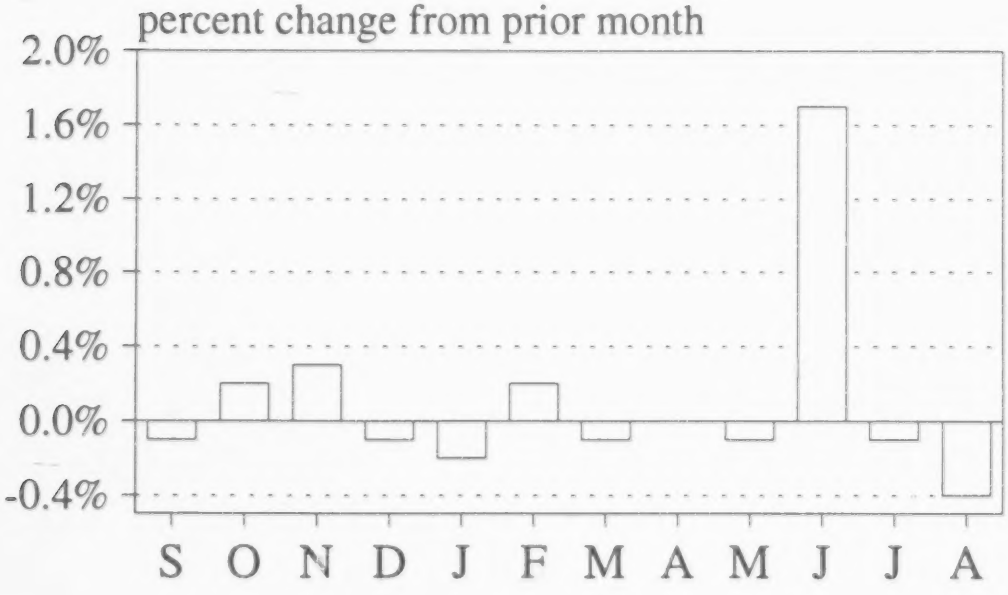
Electromedical Equipment
All Employees July 1992



Electromedical Equipment
Composite Price Index August 1992



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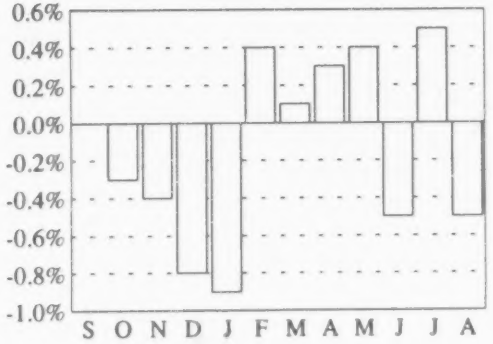
Capacity Utilization

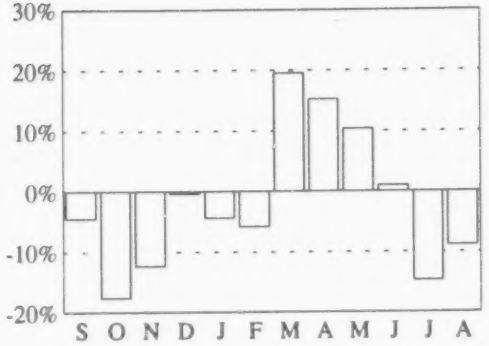
(percent change from previous change)



Source: Federal Reserve Board

Consumer Confidence Index

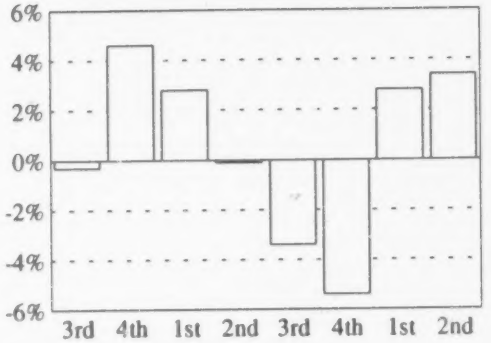
(percent change from previous change)



Source: Conference Board

Government Purchases

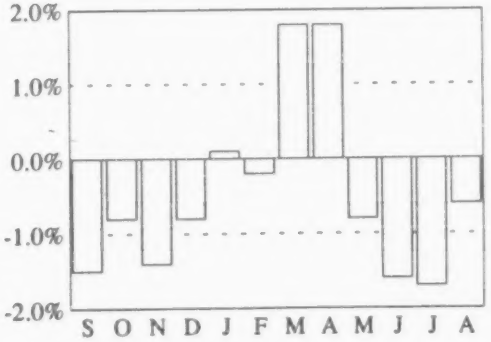
(quarter vs. previous quarter)



Source: Department of Commerce

Trade Weighted Dollar Index

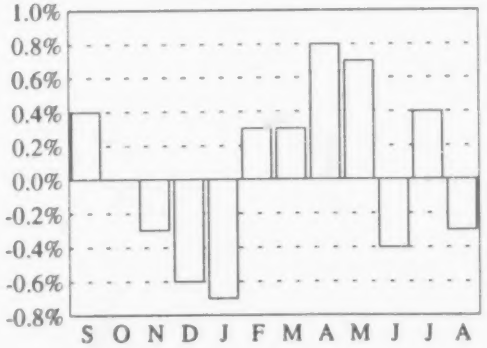
(percent change from previous change)



Source: Federal Reserve Bank of Atlanta

Industrial Production

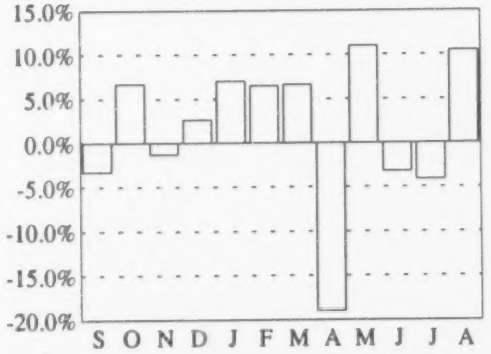
(percent change from previous change)



Source: Federal Reserve Board

Housing Starts

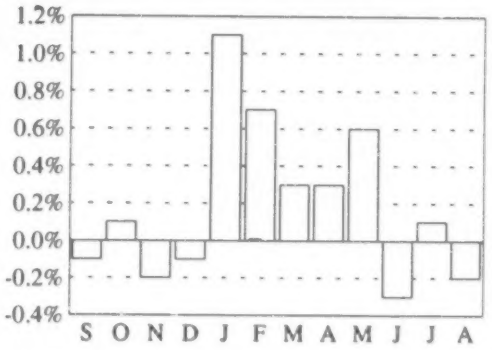
(percent change from previous change)



Source: Department of Commerce

Leading Economic Indicators

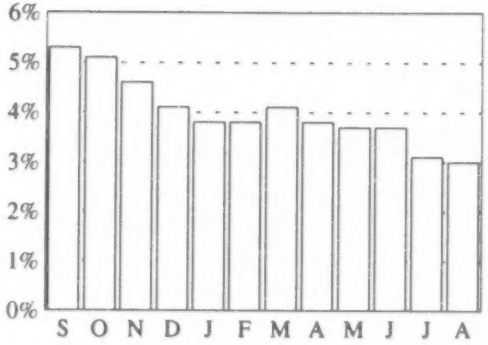
(percent change from previous change)



Source: Federal Reserve Board

90 Day T-Bill Rate

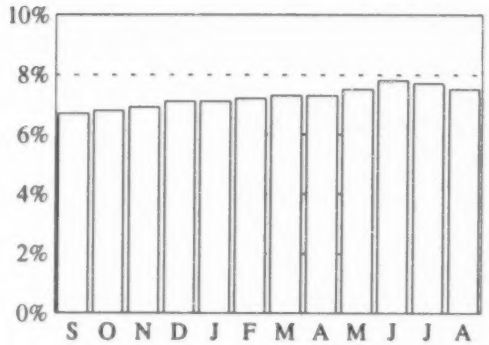
(interest rate)



Source: Conference Board

Unemployment Rate

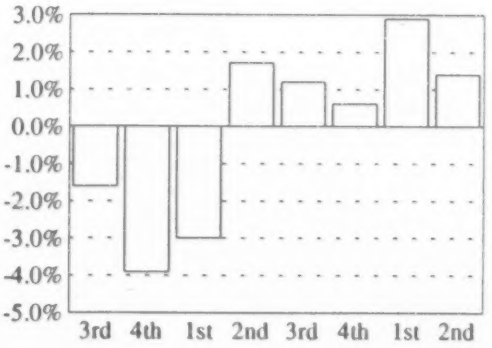
(precent of civilian laborforce)



Source: Department of Commerce

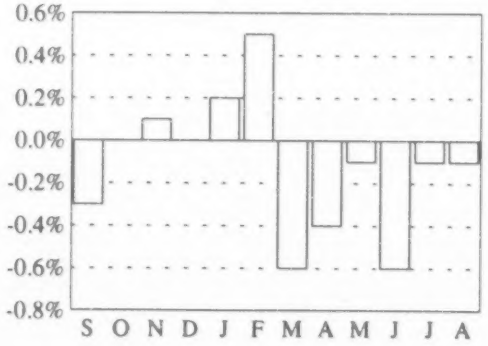
Real GDP

(quarter vs. previous quarter)



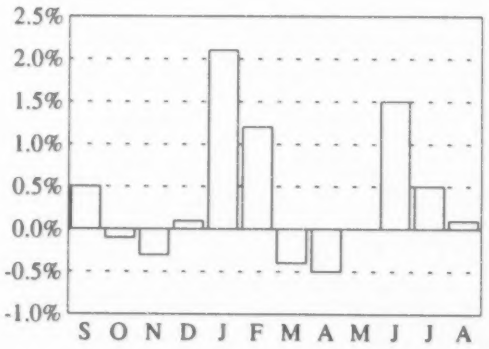
Real Money Supply M-2

(percent change from previous change)



Retail Sales

(percent change from previous change)



Economic Data Bank
Data as of September 26, 1992

	Current Period	Previous Period	Year Ago
	Aug-92	Jul-92	Aug-91
Capacity Utilization (% utilized)	**78.5**	**79.0**	**79.8**
	Sep-92	Aug-92	Sep-91
Consumer Confidence (Index 1985=100)	**56.4**	**58.0**	**72.9**
	2nd Q92	1st Q92	2nd Q91
Government Purchases (billions 1987 $)	**934.2**	**937.0**	**945.6**
	Aug-92	Jul-92	Aug-91
Industrial Production (Index 1987=100)	**108.6**	**109.2**	**108.0**
	Aug-92	Jul-92	Aug-91
Housing Starts (annual rate 000's)	**1,237**	**1,120**	**1,053**
	Aug-92	Jul-92	Aug-91
Leading Economic Indicators (Index 1987=100)	**149.3**	**149.6**	**145.6**
	Sep-92	Aug-92	Sep-91
90-Day T-Bill Rate (%)	**2.97**	**3.14**	**5.25**
	Sep-92	Aug-92	Sep-91
Prime Rate (%)	**6.00**	**6.00**	**8.25**
	Aug-92	Jul-92	Aug-91
Unemployment Rate (% of labor force)	**7.5**	**7.6**	**6.7**
	Aug-92	Jul-92	Aug-91
Real Money Supply M-2 (billions 1987 $)	**2,375.5**	**2,376.1**	**2,407.8**
	Aug-92	Jul-92	Aug-91
Retail Sales (billions of dollars)	**159.7**	**160.6**	**153.9**
	Aug-92	Jul-92	Aug-91
Disposable Personal Income (billions 1987 $)	**3,557.8**	**3,577.8**	**3,512.7**
	Aug-92	Jul-92	Aug-91
Auto Sales (annual rate 000's)	**483**	**573**	**503**
	Aug-92	Jul-92	Aug-91
Personal Savings Rate (% of income)	**5.0**	**4.5**	**5.0**
	Aug-92	Jul-92	Aug-91
CPI-U All Items (Index 1982-84=100)	**140.9**	**140.5**	**136.6**
	Aug-92	Jul-92	Aug-91
PPI Finished Goods (Index 1982-84=100)	**123.5**	**123.4**	**121.5**
	Jul-92	Jun-91	Jul-91
Balance of Trade (billions of dollars)	**(7.8)**	**(6.7)**	**(5.6)**

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Historical Data 1987 - Present

Electronic Components - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	3,435	3,471	3,562	3,492	3,559	3,705	3,959	3,948	3,920	4,009	4,085	4,191
1988	4,081	4,184	4,087	4,196	4,236	4,298	4,372	4,325	4,396	4,286	4,189	4,338
1989	4,704	4,589	4,733	4,741	4,626	4,718	4,605	4,661	4,788	4,743	4,716	4,755
1990	4,612	4,560	4,579	4,530	4,670	4,573	4,598	4,650	4,529	4,619	4,617	4,557
1991	4,444	4,604	4,531	4,599	4,768	4,629	4,730	4,664	4,628	4,754	4,808	4,816
1992	4,757	4,742	4,714	4,742	4,708	4,792	4,896	4,820				
New Orders												
1987	2,840	3,474	3,858	3,724	3,936	3,891	4,279	4,263	4,193	4,353	4,448	4,344
1988	4,218	4,379	4,361	4,097	4,289	4,370	4,361	3,960	4,416	3,898	3,885	4,202
1989	4,415	4,462	4,398	4,748	4,321	4,737	4,596	4,766	4,970	4,856	4,779	4,836
1990	4,621	4,352	4,646	4,436	5,024	4,109	4,397	4,878	4,256	4,586	4,609	4,430
1991	4,184	5,192	4,421	5,165	4,821	3,751	4,725	4,570	4,610	4,550	5,278	4,990
1992	4,924	4,795	4,191	4,747	4,698	5,037	5,087	4,961				
Inventories												
1987	7,144	7,090	7,109	7,118	7,191	7,263	7,271	7,339	7,413	7,493	7,542	7,652
1988	7,650	7,729	7,730	7,733	7,706	7,802	7,876	7,954	7,976	8,039	8,246	8,187
1989	8,695	8,840	8,894	8,965	8,954	8,881	9,059	9,250	9,177	9,185	9,249	9,207
1990	8,806	8,778	8,855	8,845	8,884	8,840	8,958	8,773	8,780	8,745	8,773	8,751
1991	8,717	8,513	8,529	8,630	8,595	8,553	8,603	8,525	8,454	8,395	8,233	8,106
1992	7,997	8,076	8,044	7,983	7,911	7,974	7,976	8,034				
Unfilled Orders												
1987	11,424	11,428	11,725	11,956	12,333	12,519	12,838	13,154	13,427	13,771	14,135	14,288
1988	14,315	14,510	14,784	14,685	14,738	14,810	14,799	14,434	14,454	14,066	13,761	13,625
1989	14,047	13,920	13,585	13,591	13,286	13,305	13,297	13,402	13,584	13,697	13,760	13,841
1990	13,323	13,114	13,181	13,088	13,442	12,978	12,777	13,006	12,733	12,700	12,692	12,565
1991	12,258	12,847	12,737	13,302	13,355	12,478	12,473	12,379	12,361	12,156	12,627	12,802
1992	12,968	13,022	12,499	12,505	12,495	12,739	12,931	13,071				

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Historical Data 1987 - Present

Telecommunications Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	2,366	2,391	2,542	2,421	2,469	2,496	2,552	2,510	2,568	2,519	2,576	2,600
1988	2,500	2,608	2,703	2,515	2,519	2,734	2,569	2,662	2,640	2,529	2,514	2,620
1989	2,678	2,512	2,673	2,778	2,719	2,716	2,516	2,635	2,628	2,586	2,620	2,528
1990	2,616	2,895	2,597	2,812	2,679	2,647	2,831	2,786	2,757	3,012	2,709	2,767
1991	2,878	2,857	2,786	2,784	2,923	2,874	2,944	2,894	3,064	3,046	3,060	3,051
1992	3,066	3,086	3,166	3,023	3,056	3,215	3,653	3,206	3,137	3,279		
New Orders												
1987	2,584	2,213	2,153	2,467	2,143	2,986	2,596	2,108	2,610	2,518	2,534	2,845
1988	2,690	2,537	2,836	2,550	2,568	2,614	2,567	2,866	2,715	2,822	2,647	2,471
1989	2,485	2,317	2,260	2,190	2,211	2,446	2,785	2,259	2,568	2,266	2,351	2,932
1990	2,533	2,753	2,534	2,745	2,724	3,191	2,707	2,786	2,626	3,112	2,265	3,622
1991	2,503	3,108	2,457	2,688	2,649	2,728	2,754	2,571	2,927	3,056	2,725	3,312
1992	3,007	2,940	3,373	2,851	3,147	3,265	3,700	3,191				
Inventories												
1987	5,457	5,432	5,377	5,414	5,415	5,444	5,449	5,442	5,467	5,507	5,562	5,508
1988	5,410	5,442	5,484	5,493	5,514	5,597	5,561	5,686	5,746	5,777	5,834	5,785
1989	5,994	6,246	5,986	6,051	6,158	6,179	6,194	6,184	6,112	6,235	6,290	6,408
1990	6,846	6,843	6,744	6,768	6,731	6,717	6,781	6,886	6,954	6,915	6,934	6,733
1991	7,307	7,329	7,465	7,641	7,482	7,306	7,394	7,217	7,110	7,150	7,135	7,281
1992	7,434	7,293	7,271	7,314	7,338	7,409	7,323	7,432				
Unfilled Orders												
1987	15,996	15,819	15,430	15,476	15,251	15,741	15,785	15,383	15,425	15,423	15,382	15,627
1988	15,506	15,434	15,568	15,602	15,651	15,531	15,528	15,732	15,806	16,099	16,232	16,084
1989	16,553	16,358	15,945	15,357	14,849	14,579	14,848	14,472	14,412	14,091	13,822	14,225
1990	13,506	13,365	13,302	13,236	13,280	13,823	13,699	13,699	13,567	13,667	13,223	14,078
1991	13,604	13,855	13,526	13,430	13,156	13,010	12,820	12,497	12,360	12,370	12,035	12,296
1992	12,237	12,091	12,298	12,126	12,217	12,267	12,314	12,299				

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Historical Data 1987 - Present

Other Defense Communications - All Data Seasonally Adjusted MIllions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	2,617	2,660	2,774	2,694	2,685	2,788	2,824	2,805	2,862	2,709	2,782	2,889
1988	2,631	2,653	2,766	2,773	2,693	2,913	2,814	2,677	3,010	2,595	2,680	3,035
1989	2,873	2,742	2,806	2,670	2,681	2,619	2,563	2,697	2,697	2,764	2,770	2,960
1990	2,816	2,860	2,685	2,790	2,940	2,759	2,987	2,832	2,877	2,818	2,838	2,933
1991	2,646	2,604	2,679	2,710	2,726	2,759	2,608	3,023	2,573	2,707	2,761	2,453
1992	2,507	2,653	2,557	2,555	2,489	2,552	2,436	2,387				
New Orders												
1987	2,502	2,276	2,086	3,755	2,540	3,131	3,052	3,032	3,233	2,786	2,731	2,325
1988	2,797	2,506	2,060	849	3,914	1,445	2,351	2,240	2,749	1,745	2,479	4,257
1989	3,486	2,866	2,190	2,286	1,962	2,238	1,853	1,957	2,817	2,501	3,401	3,337
1990	3,022	2,306	3,000	3,083	3,013	2,698	2,852	2,767	2,665	2,396	1,982	1,921
1991	2,193	2,908	1,991	2,126	2,695	2,483	3,037	3,407	2,414	2,436	1,815	1,471
1992	3,090	2,428	2,608	1,830	1,916	1,654	2,016	1,867				
Inventories												
1987	8,152	8,104	8,094	8,172	8,252	8,411	8,433	8,491	8,673	8,773	8,923	8,981
1988	8,966	8,813	8,627	8,376	8,370	7,933	7,904	7,895	7,768	7,624	7,583	8,729
1989	9,111	9,206	9,433	9,664	9,744	9,755	9,845	9,876	9,708	9,570	9,383	8,915
1990	8,842	8,879	8,873	8,936	8,968	8,913	8,849	8,790	8,819	8,822	8,697	8,446
1991	8,143	8,198	7,899	7,983	7,851	7,867	7,826	7,845	7,793	7,708	7,501	7,623
1992	7,361	7,147	7,124	6,994	6,914	6,861	6,823	6,726				
Unfilled Orders												
1987	46,284	45,900	45,212	46,273	46,128	46,470	46,698	46,926	47,298	47,375	47,324	46,760
1988	46,787	46,640	45,934	44,011	45,232	43,763	43,300	42,864	42,602	41,752	41,550	42,772
1989	44,296	44,420	43,805	43,421	42,702	42,322	41,612	40,872	40,991	40,728	41,358	41,735
1990	41,786	41,232	41,548	41,842	41,914	41,853	41,717	41,652	41,440	41,018	40,162	39,150
1991	37,954	38,258	37,569	36,985	36,954	36,678	37,106	37,490	37,332	37,061	36,115	35,133
1992	35,716	35,491	35,542	34,817	34,245	33,347	32,928	32,407				

Historical Data 1987 - Present

Computers & Peripherals - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	4,415	4,346	4,098	4,303	4,317	4,338	4,596	4,364	4,529	4,488	4,507	4,540
1988	4,289	4,426	4,413	4,525	4,603	4,596	4,659	4,672	4,570	4,431	4,459	4,494
1989	4,532	4,297	4,606	4,577	4,591	4,786	4,527	4,586	4,577	4,197	4,411	4,505
1990	4,486	4,483	4,512	4,412	4,385	4,466	4,304	4,395	4,432	4,652	4,357	4,383
1991	4,390	4,299	4,309	4,353	4,286	4,338	4,364	4,322	4,086	4,620	4,704	4,311
1992	4,845	4,689	4,787	4,874	4,887	5,107	5,128	4,964				
New Orders												
1987	3,974	4,392	4,136	4,450	4,415	4,420	4,598	4,305	4,415	4,542	4,406	4,453
1988	4,322	4,573	4,194	4,618	4,578	4,681	4,595	5,058	4,056	4,270	4,379	4,569
1989	4,502	3,988	4,574	4,357	4,374	4,348	4,258	4,722	4,639	4,212	4,462	4,459
1990	4,333	4,411	4,490	4,418	4,435	4,067	4,717	3,996	4,983	4,328	4,244	4,041
1991	4,573	4,253	4,350	4,037	4,542	4,394	4,279	4,314	3,960	4,383	4,393	3,824
1992	4,590	4,510	4,656	4,599	4,825	4,942	4,819	5,007				
Inventories												
1987	8,383	8,353	8,322	8,381	8,554	8,482	8,403	8,489	8,384	8,477	8,612	8,765
1988	8,075	8,189	8,306	8,348	8,456	8,654	8,719	8,762	8,908	9,001	9,008	9,124
1989	9,647	9,593	9,612	9,522	9,472	9,502	9,689	9,674	9,659	9,719	10,025	9,852
1990	9,748	9,713	9,575	9,728	9,753	9,456	9,507	9,594	9,502	9,318	9,187	8,806
1991	8,901	8,957	8,787	8,761	8,755	8,442	8,605	8,501	8,564	8,505	8,436	8,014
1992	8,185	8,013	8,010	7,970	7,986	7,873	7,830	7,972				
Unfilled Orders												
1987	11,806	11,851	11,889	12,037	12,135	12,216	12,219	12,160	12,046	12,100	11,999	11,912
1988	10,976	11,123	10,904	10,996	10,972	11,057	10,993	11,380	10,866	10,705	10,625	10,700
1989	11,069	10,760	10,727	10,507	10,290	9,852	9,584	9,719	9,781	9,796	9,846	9,801
1990	9,661	9,589	9,567	9,573	9,624	9,224	9,637	9,239	9,790	9,466	9,353	9,012
1991	9,223	9,177	9,218	8,902	9,158	9,215	9,130	9,123	8,997	8,759	8,448	7,961
1992	7,705	7,527	7,395	7,120	7,058	6,893	6,584	6,627				

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Historical Data 1987 - Present

Industrial Electronics - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	1,678	1,783	1,781	1,789	1,751	1,797	1,806	1,746	1,809	1,783	1,792	1,811
1988	1,743	1,766	1,783	1,810	1,791	1,815	1,840	1,867	1,904	1,918	1,923	1,939
1989	2,133	2,090	2,039	2,033	2,098	1,957	2,058	2,138	2,096	2,040	2,061	2,057
1990	2,100	2,068	2,119	2,031	2,186	2,133	2,085	2,077	2,051	2,084	2,043	1,984
1991	1,976	2,002	1,995	2,008	1,993	2,110	2,006	2,011	2,051	2,013	2,055	2,117
1992	2,027	2,029	2,131	2,088	2,040	2,108	2,089	2,075				
New Orders												
1987	1,632	1,701	1,720	1,767	1,719	1,844	1,849	1,787	1,880	1,844	1,871	1,886
1988	1,840	1,821	1,895	1,808	1,852	1,865	1,898	1,897	1,908	1,935	1,873	1,883
1989	2,136	2,005	2,019	2,021	1,980	2,015	1,979	2,096	2,057	2,036	2,053	2,137
1990	2,122	2,082	2,053	2,059	2,144	2,071	2,080	2,126	2,025	2,163	1,948	2,134
1991	1,967	2,114	1,909	2,044	2,010	1,871	2,077	1,950	1,990	2,057	2,071	2,127
1992	2,157	1,993	2,047	2,151	2,034	2,121	2,147	2,082				
Inventories												
1987	4,314	4,333	4,336	4,346	4,357	4,348	4,344	4,351	4,369	4,344	4,367	4,406
1988	4,110	4,115	4,117	4,106	4,160	4,149	4,148	4,166	4,186	4,185	4,228	4,357
1989	4,756	4,763	4,800	4,807	4,711	4,749	4,773	4,811	4,813	4,846	4,843	4,823
1990	4,882	4,898	4,919	4,906	4,870	4,891	4,923	4,907	4,857	4,889	4,881	4,822
1991	4,740	4,721	4,703	4,693	4,681	4,674	4,629	4,622	4,607	4,553	4,534	4,492
1992	4,502	4,536	4,478	4,488	4,505	4,512	4,490	4,492				
Unfilled Orders												
1987	5,285	5,245	5,222	5,245	5,234	5,297	5,340	5,353	5,415	5,446	5,475	5,516
1988	5,303	5,337	5,427	5,435	5,465	5,484	5,526	5,543	5,547	5,610	5,613	5,601
1989	6,108	6,061	6,012	5,948	5,846	5,824	5,777	5,778	5,764	5,758	5,752	5,821
1990	5,812	5,793	5,756	5,768	5,799	5,778	5,765	5,808	5,767	5,819	5,702	5,795
1991	5,574	5,707	5,646	5,687	5,670	5,507	5,557	5,486	5,416	5,418	5,398	5,429
1992	5,475	5,389	5,295	5,321	5,286	5,273	5,252	5,214				

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Historical Data 1987 - Present

Electromedical Equipment - All Data Seasonally Adjusted Millions of Dollars

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Shipments												
1987	412	441	455	455	453	468	474	471	496	488	481	483
1988	462	475	491	507	485	504	514	512	516	514	498	535
1989	524	541	512	511	518	523	518	534	535	538	541	544
1990	554	554	564	568	591	587	592	598	596	606	618	581
1991	629	620	578	629	626	613	643	615	642	645	650	644
1992	635	632	646	656	639	668	638	632				
New Orders												
1987	441	429	464	470	454	510	510	488	515	497	496	512
1988	480	478	502	497	498	508	532	499	495	535	528	582
1989	463	537	510	535	520	665	538	528	734	588	527	501
1990	617	585	575	549	562	609	614	585	614	667	593	548
1991	642	591	566	582	631	552	677	618	654	710	606	541
1992	640	629	590	638	645	602	649	743				
Inventories												
1987	1,008	1,011	1,008	1,005	1,012	1,017	1,026	1,036	1,054	1,053	1,066	1,073
1988	1,045	1,051	1,055	1,061	1,088	1,095	1,109	1,128	1,136	1,145	1,161	1,192
1989	1,202	1,221	1,244	1,266	1,273	1,302	1,227	1,235	1,248	1,255	1,262	1,258
1990	1,292	1,293	1,291	1,289	1,284	1,267	1,266	1,330	1,331	1,345	1,342	1,327
1991	1,308	1,301	1,295	1,304	1,303	1,322	1,338	1,344	1,360	1,382	1,392	1,373
1992	1,366	1,358	1,344	1,357	1,368	1,386	1,402	1,418				
Unfilled Orders												
1987	1,434	1,422	1,432	1,447	1,448	1,490	1,526	1,543	1,562	1,571	1,586	1,616
1988	1,590	1,593	1,604	1,594	1,607	1,611	1,629	1,615	1,594	1,615	1,645	1,692
1989	1,600	1,597	1,595	1,619	1,621	1,764	1,783	1,777	1,976	2,025	2,011	1,968
1990	1,976	2,006	2,017	1,997	1,968	1,990	2,013	1,999	2,017	2,078	2,054	2,020
1991	2,020	1,991	1,979	1,932	1,937	1,876	1,910	1,913	1,925	1,991	1,948	1,844
1992	1,849	1,846	1,789	1,771	1,777	1,711	1,721	1,832				

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Footnotes

[1]Represents U.S. factory sales of electronics, comprised of electronic components, domestically-produced consumer electronics, telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, electromedical equipment, and the estimated electronic content specific to the aerospace and automobile industries as well as computer related software and services.

[2]Represents imports for consumption, customs value.

[3]Represents total exports, including reexports.

[4]Represents the composite weighted average price index of the electronic industries. The index is comprised of industry indices from electronic components, consumer electronics (including imports), telecommunications equipment, other specialized communications, computers & peripheral equipment, industrial electronics, and electromedical equipment.

[5]Represents domestically-produced audio and video products, blank media products and electronic toys.

[6]Represents the ratio of total factory sales for a sector during the last 12-month period to average total employment in that sector during the same 12-month period.

[7]Represents total consumer electronics sales in the U.S., including imports.

[8]Represents the weighted producer price index of audio and video products sold in the U.S. market including imports.

Sources

U.S. Factory Data - U.S. Department of Commerce

Total Consumer Electronics Sales - EIA Marketing Services Department

Electronics Foreign Trade - U.S. Department of Commerce

Employment Data - Bureau of Labor Statistics

Producer Price Indices - Bureau of Labor Statistics, EIA Marketing Services

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